THE VULCAN CO.

ARCHITECTURAL METAL WORKERS

CATALOG
N

DETROIT : : : MICHIGAN

CATALOG

"N"

The Vulcan Company

DETROIT, MICHIGAN

Architectural Metal Workers

AVERY LIBRARY
COLUMBIA UNIVERSITY

AT
470
V977
1905

Index to Catalog

Area Grates, wrought iron.....104-106
Area Railings 99-102
Ash Pit doors 58
Brackets, wrought iron.....75-83
Brackets for tubular railings..... 30
Balconies and Railings.....68 to 100
Bank and Office Railings, etc.....5 to 30
Counter Railings .....5 to 22
Cesspools 122
Doors (steel sidewalk).....103-104-106
Doors (illuminated) 105-106
Doors (mausoleums) 182-193
Entrance Gates, Cemeteries and Public Grounds .....159 to 176
Entrance Gates, Banks and Offices..49 to 54
Elevator Enclosures 32-33
Fire Escapes .....69 to 84
Fencing, Wrought Iron .....130 to 157
Fire Escape Ladders 77
Fencing (Wire) 158
Gates, Folding and Collapsing..... 52
Gates, Vault and Mausoleum.....177-186
Gates, Entrance 159-176
Grave Arch 177
Grave Guards 177
Guards for Windows .....35 to 51
Guards for Stalls 127-128
Gutter for Stalls 123
Hayracks 120
Hinges, Forged Iron..... 124
Harness Hooks and Brackets..... 126
Illuminating Sidewalk Tiling..... 105
Jail Cells 57
Jail Doors 56
Jail Guards .....46 and 57
Kick Plates 31
Ladders, Wrought Iron 77
Litter Basket 174
Loafer Points 111
Mausoleum Gates 192-193
Memorial Tablets 194-195
Mausoleum Doors .....182 to 193
Money Guards 25
Oat Cleaner 129
Oat Mangers 121
Office Railings .....5 to 28
Office Partitions .....22 to 27
Porticoes and Porte Cocheres....107 to 111
Panels for Office Railings.....6 to 16
Push Plates 31
Railings, Area .....99 to 102
Railings, Balcony .....68 to 100
Railings, Stair 59-66
Railings, Office .....5 to 28
Railings, Step 59-61
Railings, Bank 5-28
Railings, Bridges, etc. 100
Sash Bars .....112 to 119
Stall Guards 127-128
Store Front Iron .....116 to 119
Settees, Cast 179
Settees, Wrought Iron 178
Shutters, Wrought Iron 58
Sidewalk Lights 105
Sidewalk Grating 104-106
Shutter Eye Brick 58
Shutter Eye Bolt 58
Sidewalk Doors, Steel Plate.....103-106
Sidewalk Doors, Illuminating 104
Stairs, Wrought Steel .....62 to 67
Stairs, Circular 67
Stable Fittings .....120 to 129
Slide Pole 129
Tiling, Illuminated 105
Tubular Brass Railings 28-30
Testimonials 196-200
Trellis 177
Vases (Reservoir) 180-181
Vault (Mausoleum) Doors and Gates.182-193
Send for special catalog.
Water Troughs 125
Wickets 11-15
Window Guard, Iron.....38 to 50
Window Guards, Wire .....35 to 37
Wheel Guards .....39 to 51
Wire Sign 34

INTRODUCTORY AND GENERAL INFORMATION.

WE BEG to present to you this new Catalog showing a well assorted line of ornate and Plain Architectural Metal Work, Fences, Gates, etc., etc., which will prove of interest to the Architect, Contractor and Builder, and while this issue is quite complete in its general variety of metal work used about buildings, it but little more than suggests the unlimited possibilities in this field.

Where regular styles of work fail to entirely please, we are always ready to submit special original sketches and prices upon receipt of guiding suggestions and comments.

We especially solicit plans and specifications as prepared by architects. Estimates will be carefully made and promptly submitted.

All our work is made in a conscientious and painstaking manner, accurate as to measurement and arranged and marked so it can readily be assembled and set in place on arrival at destination.

Where the buyer is unfamiliar with this line of work, we make special effort to give him the benefit of our experience by conserving his interest as to style and price.

It is a difficult matter to quote close prices by catalog and discount, on account of the greatly varying conditions governing most of the work herein shown, but such prices as we have quoted will serve to give buyers a fair idea of the relative value of the different styles shown. and we ask that full particulars be submitted to us, upon receipt of which we will quote a close net price.

When writing for prices, refer to DESIGN NUMBER to be found under each illustration. This will suffice to denote style desired. Please do not cut pages out of catalog, but keep it for future use.

Nearly all our products are made to order, and customers should order sufficiently early to allow for the reasonable time necessary to construct the work properly.

PLEASE DIRECT ALL MAIL SIMPLY

THE VULCAN COMPANY

DETROIT, MICHIGAN

Art Metal Work

FOR

Commercial Furniture

Wickets Counter Railings and Screens Name Plates

Partition Railings and Doors Grilles Cage Work Crestings

Currency Guards Floor Railings Borders

In all Metals and Finishes

FINISHES

Bronze Polished, Brush Bronze, Antique Bronze, Brass Polished, Brush Brass, Antique Brass

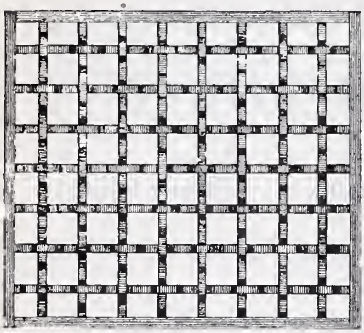
STEEL AS BELOW: Electro Plate Finishes, Oxidized Copper, Plain Copper, Verde Green Copper, Statuary Bronze, Plain Bronze, Steel Blue, Dead Black or Egyptian Black

As this class of work varies considerably, always send particulars when writing for prices, and we will be able to quote close net prices.

All work guaranteed in every particular; material, workmanship and finish positively first class.

Special sketches furnished gratis. Architects' designs carefully followed out. All work is made to order only, and orders should be placed early enough to allow first class workmanship.

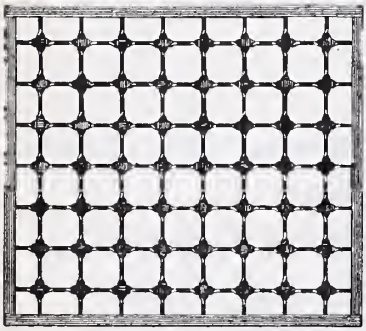
ORNAMENTAL SCREENS OR MESH WORK FOR GRILLES IN BANK AND OFFICE RAILINGS; ALSO SUITABLE FOR SCREENING RADIATORS UNDER WINDOW SEATS, ETC.



VULCAN DESIGN NO. N—400.

Flat wire crimped and interwoven, channel framed.

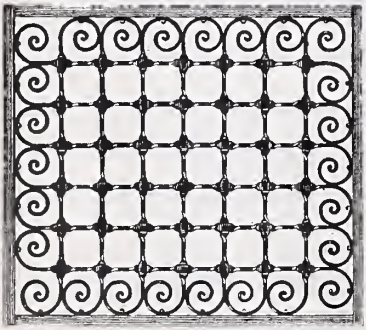
		Price per square foot. Dead Black.	Electroplated.
1¼ inch mesh.	3/16 inch flat wire...	$ .60	$ .90
1½ inch mesh.	1/4 inch flat wire...	.60	.90
1¾ inch mesh.	5/16 inch flat wire...	.55	.85
2 inch mesh.	3/8 inch flat wire...	.55	.85



VULCAN DESIGN NO. N—401.

Quarter twisted flat wire panel, interwoven, channel framed.

		Price per square foot. Dead Black.	Electroplated.
1½ inch mesh.	1/4 inch flat wire...	$ .85	$ 1.15
1¾ inch mesh.	5/16 inch flat wire...	.80	1.10
2 inch mesh.	3/8 inch flat wire...	.75	1.05



VULCAN DESIGN NO. N—402.

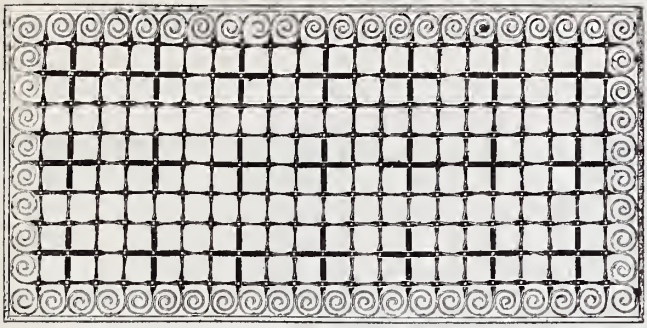
Quarter twisted scroll bordered, panel, interwoven, channel framed.

		Price per square foot. Dead Black.	Electroplated.
1½ inch mesh.	1/4 inch flat wire...	$ 1.20	$ 1.50
1¾ inch mesh.	5/6 inch flat wire...	1.15	1.45
2 inch mesh.	3/8 inch flat wire...	1.10	1.40

All panels containing less than four square feet will be figured as four square feet.

All panels containing less than four square feet, will be figured as four square feet.

ART METAL PANEL WORK.



VULCAN DESIGN NO. K—218.

ORNAMENTAL METAL PANEL FOR COUNTER RAILINGS.

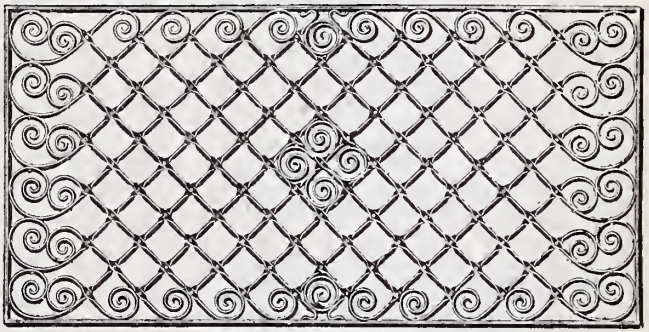
Usually made of 1½ inch mesh, 5/16 inch flat steel wire channel frame.

	Dull Black	Electro-plated
Price, per square foot...	$1 30	$1 60

Panels containing less than four square feet will be figured as four square feet.

Special prices in quantities.

Absolutely first-class workmanship and finish.



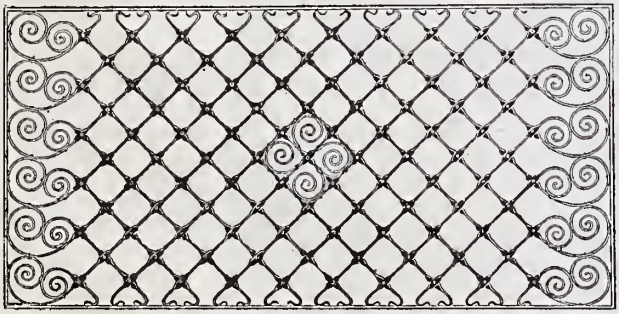
VULCAN DESIGN NO. K—219.

ORNAMENTAL METAL PANEL FOR COUNTER RAILINGS.

Usually made of 2 inch mesh, ⅜ inch flat steel wire, channel framed.

	Dull Black	Electro plated
Price, per square foot..	$2 25	$2 55

Panels containing less than four square feet will be figured as four square feet.



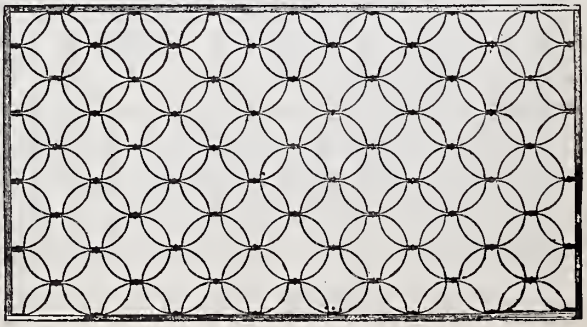
VULCAN DESIGN NO. K—220.

ORNAMENTAL METAL PANELS FOR COUNTER RAILINGS.

Usually made of 2 inch mesh, ⅜ inch flat steel wire, channel framed.

	Dull Black	Electro plated
Price, per square foot..	$2 25	$2 55

Panels containing less than four square feet will be figured as four square feet.



VULCAN DESIGN NO. K—221.

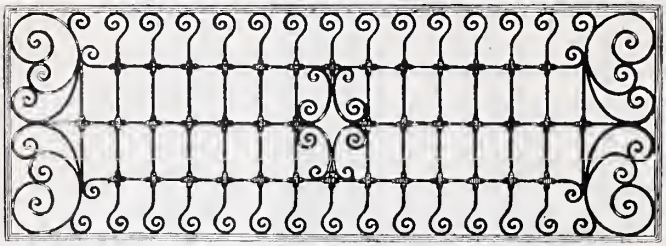
ORNAMENTAL METAL PANEL FOR COUNTER RAILING.

Usually made of ⅜ inch flat steel wire, channel framed.

	Dull Black	Electro-plated
Price, per square foot..	$2 50	$2 80

Panels containing less than four square feet will be figured as four square feet.

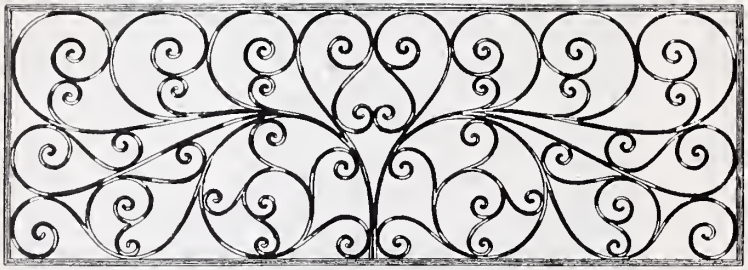
ARTISTIC METAL PANELS FOR COMMERCIAL FURNITURE. BANK AND OFFICE RAILINGS.



VULCAN DESIGN NO. N—403.

Ornamental Panel.

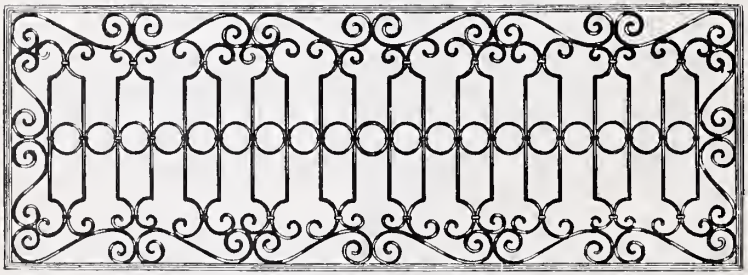
	Price per sq. ft.
Dead black	$1.90
Electroplated	2.20



VULCAN DESIGN NO. N—404.

Ornamental Panel.

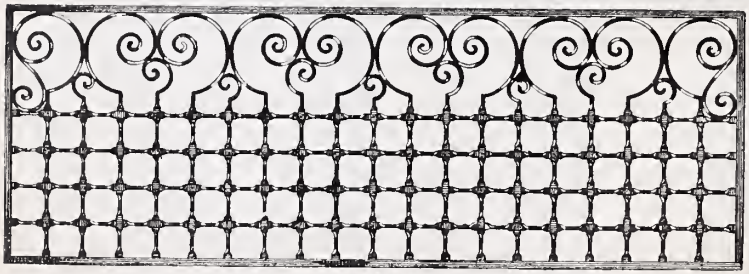
	Price per sq. ft.
Dead black	$2.70
Electroplated	3.00



VULCAN DESIGN NO. N—405.

Ornamental Panel.

	Price per sq. ft.
Dead black	$3.00
Electroplated	3.30



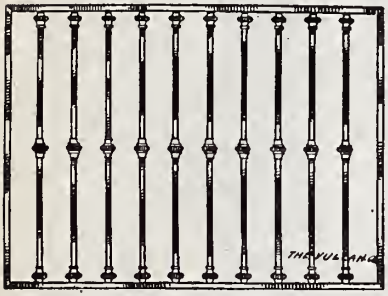
VULCAN DESIGN NO. N—406.

Ornamental Panel.

	Price per sq. ft.
Dead black	$1.60
Electroplated	1.90

All panels containing less than four square feet will be figured as four square feet.

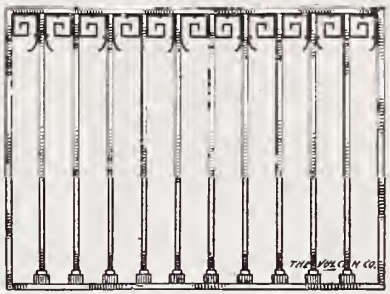
ORNAMENTAL METAL PANELS FOR GRILLS IN BANK COUNTERS AND PARTITIONS.



VULCAN DESIGN NO. K—223.

Uprights of 5/16 in. square cold rolled steel; ornamental sleeves at bottom, top and center; small channel frame to screw to wood.

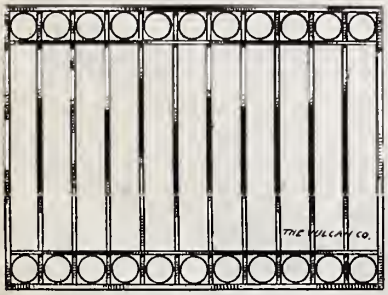
	Dead Black	Electro-plated
Price per square foot.....	$2 50	$3 00



VULCAN DESIGN NO. K—224.

Uprights of 5/16 in. square cold rolled steel, sleeves at bottom, Greek scroll at top, small channel frame to screw to wood.

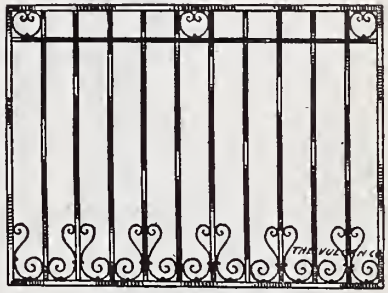
	Dead Black	Electro-plated
Price per square foot.....	$2 50	$3 00



VULCAN DESIGN NO. K—225.

Uprights of 5/16 in. square cold rolled steel, cross bars 5/16x1/4 in., channel frame.

	Dead Black	Electro-plated
Price per square foot.....	$2 50	$3 00



VULCAN DESIGN NO. K—226.

Uprights of 5/16 in. square cold rolled steel, cross bars 5/16x1/4 in., Forged scrolls, channel frame.

	Dead Black	Electro-plated
Price per square foot.....	$2 25	$2 75

The above merely indicate a few of the many styles we can make. We will be pleased to submit special sketches at any time. We are making nothing but first class work in every particular and fully guarantee it. Can furnish electroplate finishes as follows: Duplex copper, oxidized copper, old bronze, dull brass, oxidized brass, antique nickel, bronze green, and others. Can also furnish this work made of brass or genuine bronze metal, costing considerable additional.

Prices depend on sizes of panels and quantity to a large extent. Send us memorandum of sizes desired for net price.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

DESIGN NO. C—180.

ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 25	$2 50

DESIGN NO. C—181.

ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 50	$2 75

DESIGN NO. C—182.

ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 50	$2 75

DESIGN NO. C—183.

ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 25	$2 50

DESIGN NO. C—184.

ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 25	$2 50

DESIGN NO. C—185.

ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 00	$2 25

DESIGN NO. C—186.

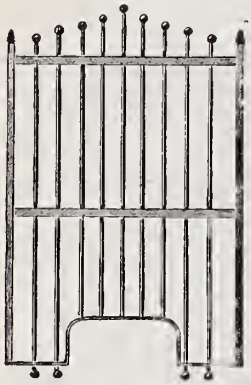
ORNAMENTAL SCROLL BORDER GRILL.

	Dull Black	Electroplated
Price per running foot.....	$2 50	$2 75

The above prices are for 6 inches high borders. They are made to order only and can be made to fit any height or length. Price in proportion. Any height less than 6 inches cost same as 6 inches. Special price in large quantities.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

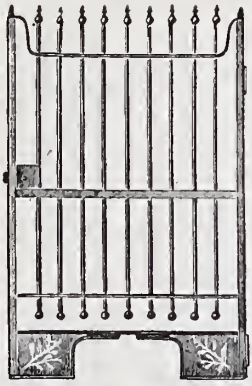
ARTISTIC WICKETS FOR COMMERCIAL FURNITURE.



VULCAN DESIGN NO. K—227.

ORNAMENTAL WICKET.

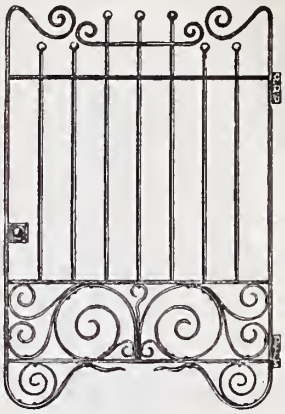
18 in. wide, 27 in. high $14 00
21 in. wide, 30 in. high 16 00



VULCAN DESIGN NO. K—228.

ORNAMENTAL WICKET.

18 in. wide, 27 in. high $17 00
21 in. wide, 30 in. high 19 50



VULCAN DESIGN NO. K—229.

ORNAMENTAL WICKET.

18 in. wide, 27 in. high $18 00
21 in. wide, 30 in. high 21 00

ALL PRICES INCLUDE HINGES AND LOCKS. STATIONARY WICKETS, LIST $2.00 LESS.

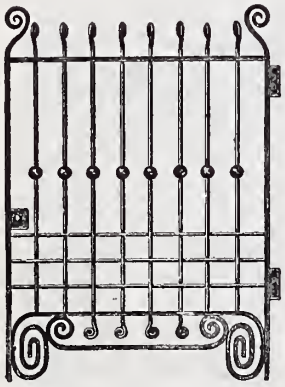
FINISH OF WICKETS AT PRICES QUOTED—Electro Bronze, Antique Copper, Old Bronze, Antique Brass.

Special finishes slight extra charge. Dead black finish, lists $2.00 less.

VULCAN DESIGN NO. K—230.

ORNAMENTAL WICKET.

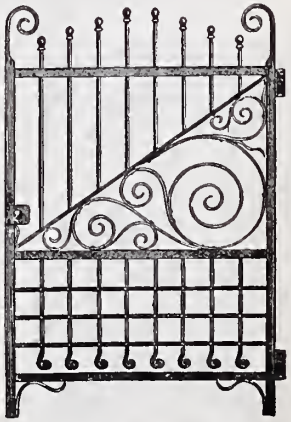
18 in. wide, 27 in. high $21 00
21 in. wide, 30 in. high 24 00



VULCAN DESIGN NO. K—231.

ORNAMENTAL WICKET.

18 in. wide, 27 in. high $23 00
21 in. wide, 30 in. high 26 00



VULCAN DESIGN NO. K—232.

ORNAMENTAL WICKET.

18 in. wide, 27 in. high $23 00
21 in. wide, 30 in. high 26 00

PRICES INCLUDE HINGES AND LOCKS AND FINISHES ABOVE STATED. STATIONARY WICKETS, LIST $2.00 LESS.

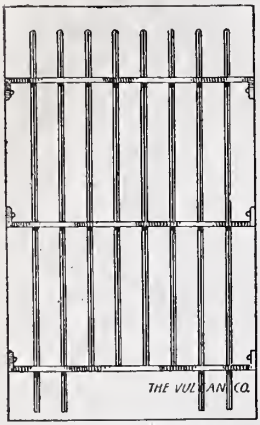
NOTE—ALL WICKETS ARE MADE TO ORDER AND CAN BE MADE TO FIT ANY SIZE OPENING. PRICES IN PROPORTION.

Highest possible grade of workmanship and finish guaranteed. We make only the best class of work.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

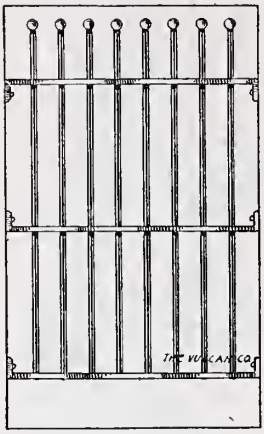
ARTISTIC WICKETS FOR COMMERCIAL FURNITURE.

Best Grade of Workmanship and Finish Guaranteed.



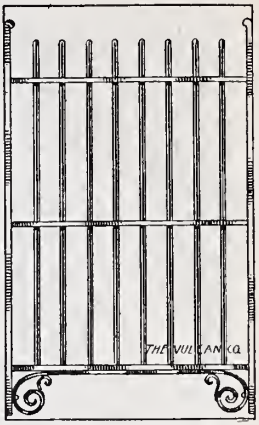
VULCAN DESIGN NO. K—233.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high...	$8 00	$10 00
21 in. wide x 30 in. high...	$9 00	$11 00



VULCAN DESIGN NO. K—234.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$ 9 00	$11 00
21 in. wide x 27 in. high..	10 00	12 00

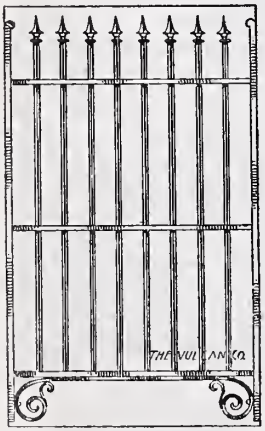


VULCAN DESIGN NO. K—235.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$10 00	$12 00
21 in. wide x 27 in. high..	11 00	13 00

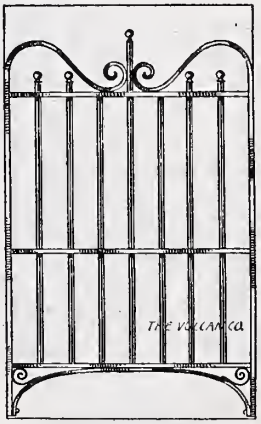
ANY SIZE MADE TO ORDER.

ALL PRICES ARE FOR STATIONARY WICKETS. HINGED AND LOCKED LIST $2.00 MORE.



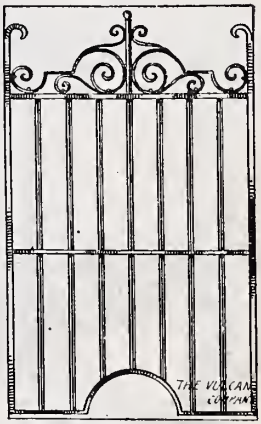
VULCAN DESIGN NO. K—236.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$12 00	$14 00
21 in. wide x 30 in. high..	13 00	15 00



VULCAN DESIGN NO. K—237.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$13 00	$15 00
21 in. wide x 30 in. high..	14 00	16 00



VULCAN DESIGN NO. K—238.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$13 00	$15 00
21 in. wide x 30 in. high..	14 00	16 00

NOTE.—ANY OTHER SIZE MADE TO ORDER.

ALL PRICES ARE FOR STATIONARY WICKETS. HINGED AND LOCKED LIST $2.00 MORE.

These wickets are made to order only and not kept in stock.

We can build this work of brass or bronze materials, costing more.

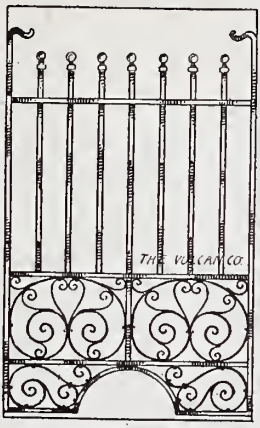
Electroplate finishes of wickets consist of the following:—Oxidized or antique copper, old bronze, steel blue, antique or oxidized brass. Special delicate finishes cost more.

ARTISTIC WICKETS FOR COMMERCIAL FURNITURE.

Best Grade of Workmanship and Finish Guaranteed.

VULCAN DESIGN NO. K—239.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$14 00	$18 00
21 in. wide x 30 in. high..	15 00	17 00



VULCAN DESIGN NO. K—240.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$15 00	$17 00
21 in. wide x 30 in. high..	16 00	18 00

VULCAN DESIGN NO. K—241.
ORNAMENTAL WICKET.

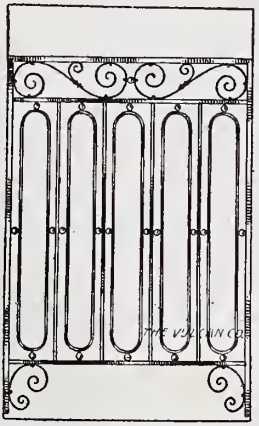
	Dead black	Electro-plated
18 in. wide x 27 in. high..	$15 00	$17 00
21 in. wide x 27 in. high..	18 00	18 00

ANY SIZE MADE TO ORDER.

ALL PRICES ARE FOR STATIONARY WICKETS. HINGED AND LOCKED LIST, $2.00 MORE.

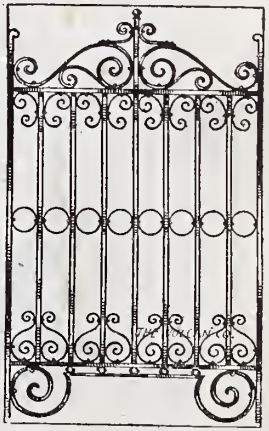
VULCAN DESIGN NO. K—242.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$20 00	$23 00
21 in. wide x 30 in. high..	22 00	25 00



VULCAN DESIGN NO. K—243.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$20 00	$23 00
21 in. wide x 30 in. high..	22 00	25 00



VULCAN DESIGN NO. K—244.
ORNAMENTAL WICKET.

	Dead black	Electro-plated
18 in. wide x 27 in. high..	$18 00	$20 00
21 in. wide x 30 in. high..	20 00	22 00

ANY SIZE MADE TO ORDER.

ALL PRICES ARE FOR STATIONARY WICKETS. HINGED AND LOCKED, LIST $2.00 ADDITIONAL.

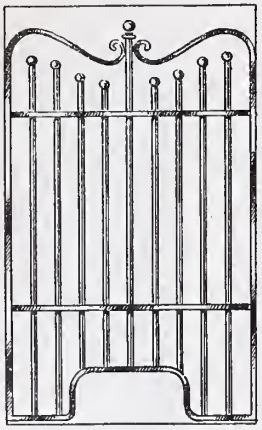
We will be pleased to submit special sketches for wickets or panels at any time, or figure from architect's designs.

Electroplate finishes on wickets consist of the following:—Oxidized or antique copper, old bronze, steel blue, antique or oxidized brass.

We can build this work of brass or bronze materials, costing more.

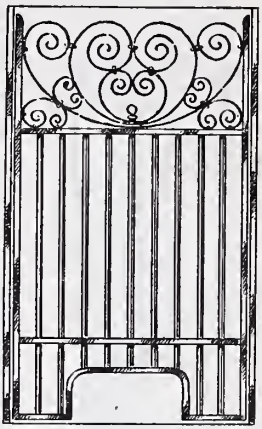
REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

ARTISTIC WICKETS FOR COMMERCIAL FURNITURE.



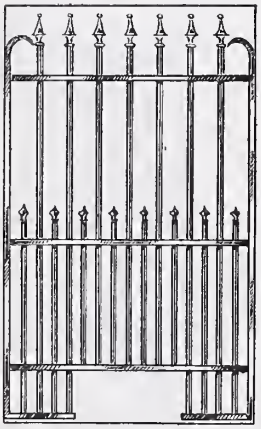
VULCAN DESIGN NO. N—407.
Ornamental Wicket.

	Dead Black.	Electroplated.
18 in. wide x 27 in. high..	$14.00	$16.00
21 in. wide x 30 in. high..	15.00	17.00



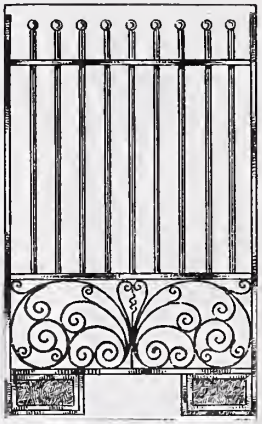
VULCAN DESIGN NO. N—409
Ornamental Wicket.

	Dead Black.	Electroplated.
18 in. wide x 27 in. high..	$16.00	P18.00
21 in. wide x 30 in. high..	17.00	19.00



VULCAN DESIGN NO. N—408.
Ornamental Wicket.

	Dead Black.	Electroplated.
18 in. wide x 27 in. high..	$16.00	$18.00
21 in. wide x 30 in. high..	17.00	19.00



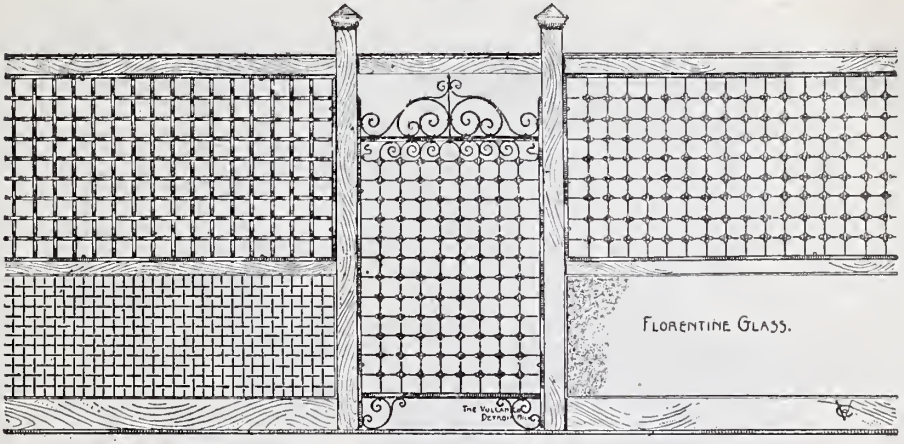
VULCAN DESIGN NO. N—410.
Ornamental Wicket.

	Dead Black.	Electroplated.
18 in. wide x 27 in. high..	$20.00	$22.00
21 in. wide x 30 in. high..	22.00	23.00

Wickets are not kept in stock. We can make any size desired.
We can make this work of Brass or Bronze material, costing more.
See page 5 for list of finishes.
NOTE.—All prices are for stationary wickets. Hinged and locked wickets list $2.00 more.

ARTISTIC METAL WORK.

VULCAN DESIGN NO. K—212. VULCAN DESIGN NO. K—213. VULCAN DESIGN NO. K—214.



Above design shows how Metal Panels are generally used in connection with woodwork and glass, and the correct relative size of each, (Refer to scale marked.)

Price of Metal Panels as above illustrated:

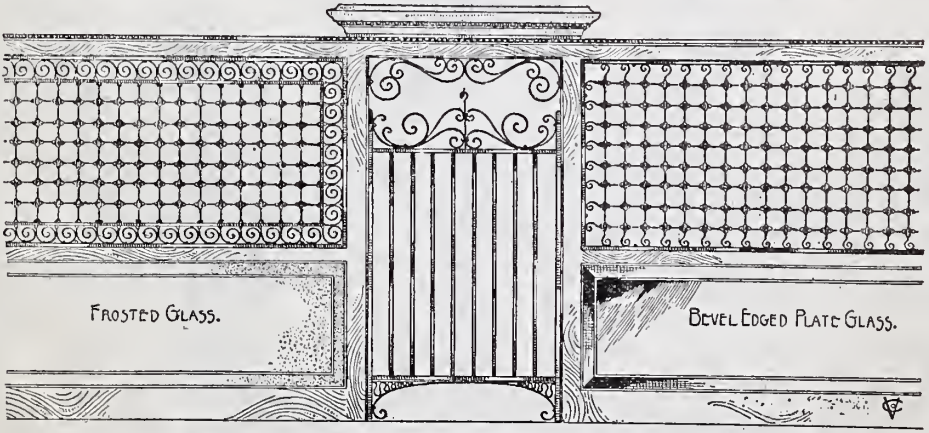
	Dull Black Finish.	Electro-plated
Design No. K—212, per square foot	60c	90c
Design No. K—214, per square foot	90c	$1 20

All panels less than 4 square feet figured at 4 square feet.

Design No. K—213—Wickets 18 inches wide, complete as shown, hinged and locked, dull black finish, $10.00 each; electroplated, $12.00 each; stationary, $2.00 less.

We will be pleased to estimate on woodwork, glass and metal work complete, on receipt of exact particulars of what is wanted.

VULCAN DESIGN NO. K—215. VULCAN DESIGN NO. K—216. VULCAN DESIGN NO. K—217.



Above designs show how metal panels are generally used in connection with woodwork and glass and the correct relative size of each. (Refer to scale marked.)

Price of metal panels and wicket as above illustrated:

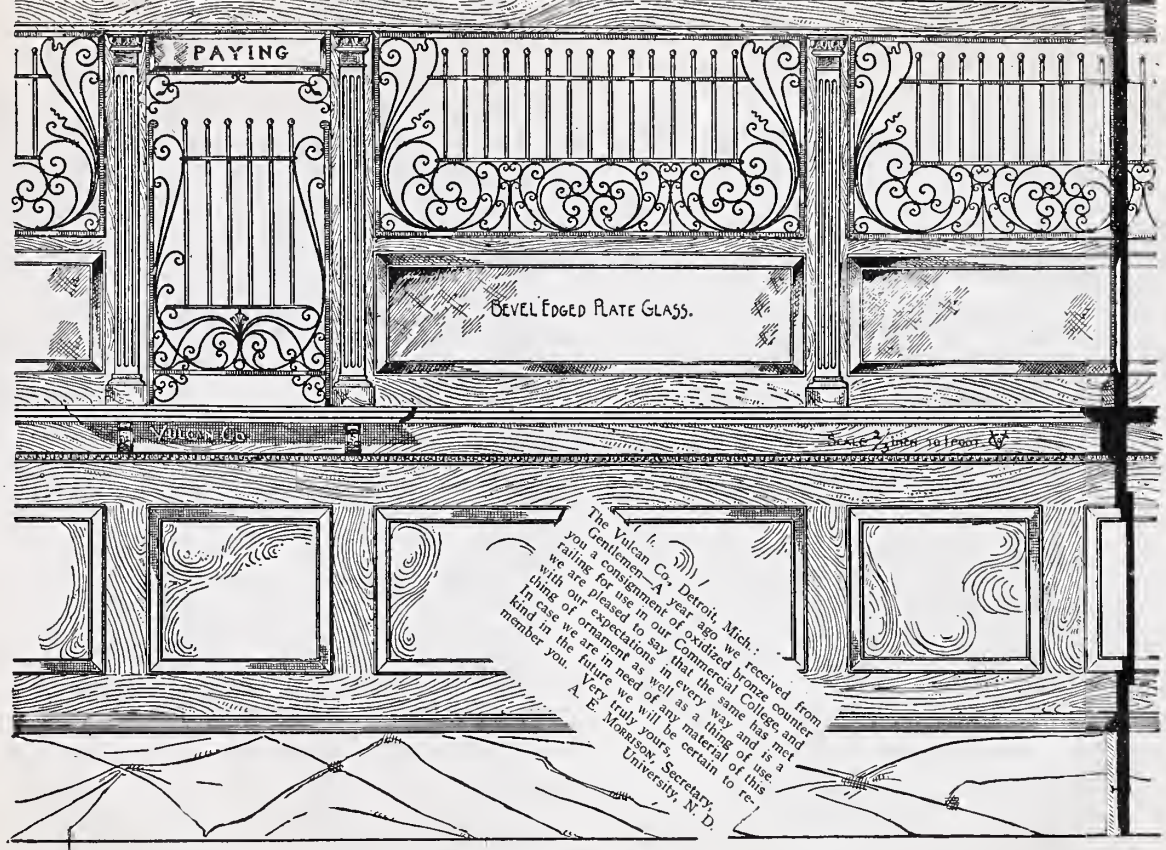
	Dull Black.	Electro-plated
Design No. K—215—Per square foot	$1 20	$1 50
Design No. K—217—Per square foot	1 20	1 50

Design No. K—216—Wicket, 18 inches wide, complete with scrolls, as shown, hinged and locked, dull black finish, $14.00 each; electro-plated, $17.50 each; stationary, $2.00 less.

If desired we can estimate on woodwork and glass as well as the metal work. Send full particulars when writing for prices.

WE POSITIVELY GUARANTEE HIGHEST CLASS WORKMANSHIP AND FINISH ON ALL OUR WORK.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



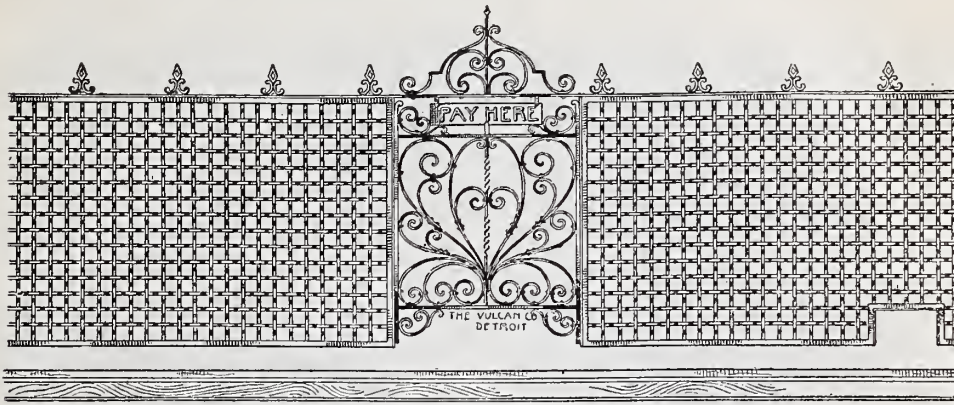
The Vulcan Co., Detroit, Mich.:
Gentlemen—A year ago we received from you a consignment of oxidized bronze counter railing for use in our Commercial College and we are pleased to say that the same has met with our expectations in every way and is a thing of ornament as well as a thing of use. In case we are in need of any material of this kind in the future we will be certain to remember you.
Very truly yours,
A. E. MORRISON, Secretary,
University, N. D.

VULCAN DESIGN NO. K—222.

BANK OR OFFICE FIXTURE.

The above design shows a modern medium-priced design. Woodwork is usually constructed of quarter sawed white oak, finished in antique or medium golden oak, or can be made in birch or cherry woods, with mahogany-finish. Base of counter is marble, and marble or onyx dealing platcs are sunk into counter top at Tellers' Windows. We will be pleased to estimate on the complete outfit, including all wood and marble work, if it is not possible to purchase the wood work at home. Metal work can be finished in any of the modern electroplate finishes. For oak wood work we recommend antique bronze or Japanese copper finish. For mahogany finish, dull brass, antique brass, or steel blue are most appropriate.

We will be pleased to enter into correspondence with anyone interested in this class of work and give you the benefit of our large experience in this line to enable you to get the best results with a minimum expense.



VULCAN DESIGN NO. K—246.

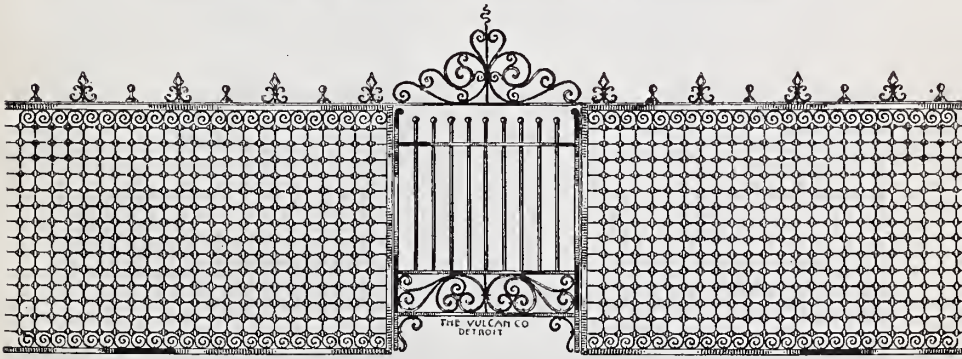
COUNTER RAILING.

Made of flat Steel Wire, double crimped and interwoven into 1¼ in. meshes. Channel Steel Frames.

	Dull Black	Electro Bronze or Antique Copper
24 inches high. Price, per square foot	$ .70	$1.00
30 inches high. Price, per square foot	.65	.95
36 inches high. Price, per square foot	.60	.90
Pickets on top, extra, per linear foot	.25	.30

Extras: Cash Openings, any size, $2.00 each. Ornamental Wickets, 18 inches wide, stationary, including Name Plate and Scroll Arch, $18.00. Hinged and locked, $20.00.

MADE ANY SHAPE OR HEIGHT. SEND PARTICULARS WHEN WRITING FOR PRICES.



VULCAN DESIGN NO. K—247.

COUNTER RAILINGS.

Made of flat Steel Wire, quarter twisted and scroll bordered. Channel Steel Frames.

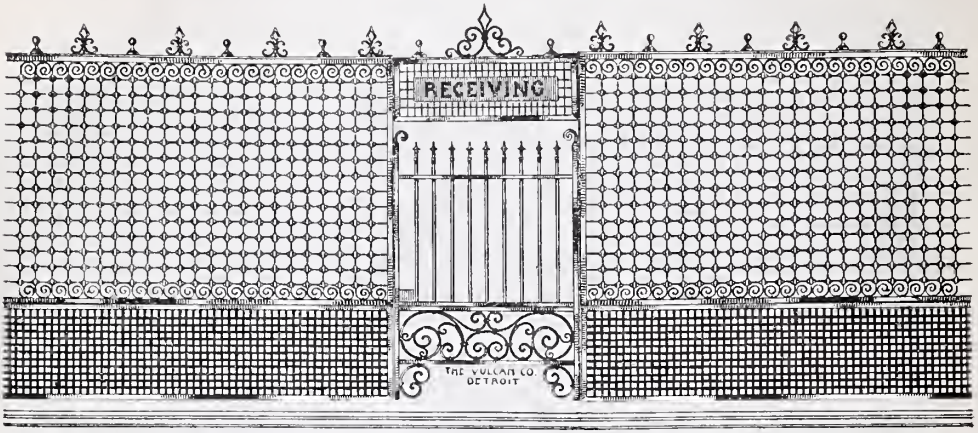
	Dull Black	Electro Bronze or Antique Copper
24 inches high. Price, per square foot	$1.30	$1.60
30 inches high. Price, per square foot	1.25	1.55
36 inches high. Price, per square foot	1.20	1.50
Pickets on top, extra, per linear foot	.35	.40

Extras: Cash Openings, any size, $2.00 each. Ornamental Wicket, 18 inches wide, stationary, including Scroll Arch, $18.00. Hinged and locked, $20.00 each.

MADE ANY SHAPE OR HEIGHT. SEND PARTICULARS WHEN WRITING FOR NET PRICES.

We fit this work complete ready to set in place. Highest possible grade of workmanship and finish guaranteed.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULAN DESIGN NO. K—248.

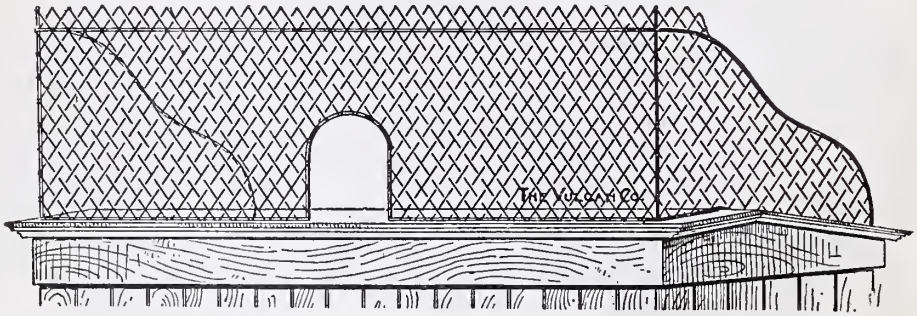
COUNTER RAILING.

Upper portion made of flat steel wire, quarter twisted and scroll bordered. Channel steel framed. Lower portion of extra fine mesh work to prevent pilfering.

	Dull Black	Electro Bronze or Antique Copper
Price, per square foot, 30 inches high	$1.50	$1.80
Price, per square foot, 36 inches high	1.45	1.75
Pickets on top, per linear foot	.35	.40

Extras: Cash holes, any size $2.00 each. Wickets, 18 inches wide (stationary) including panel above wicket and name plate with raised lettering and scroll top, $25.00. Hinges and lock, $2.00 additional.

Send diagram for special net prices. Made any shape or height.



VULCAN DESIGN NO. K—249.

WIRE RAILING FOR STORE DESKS.

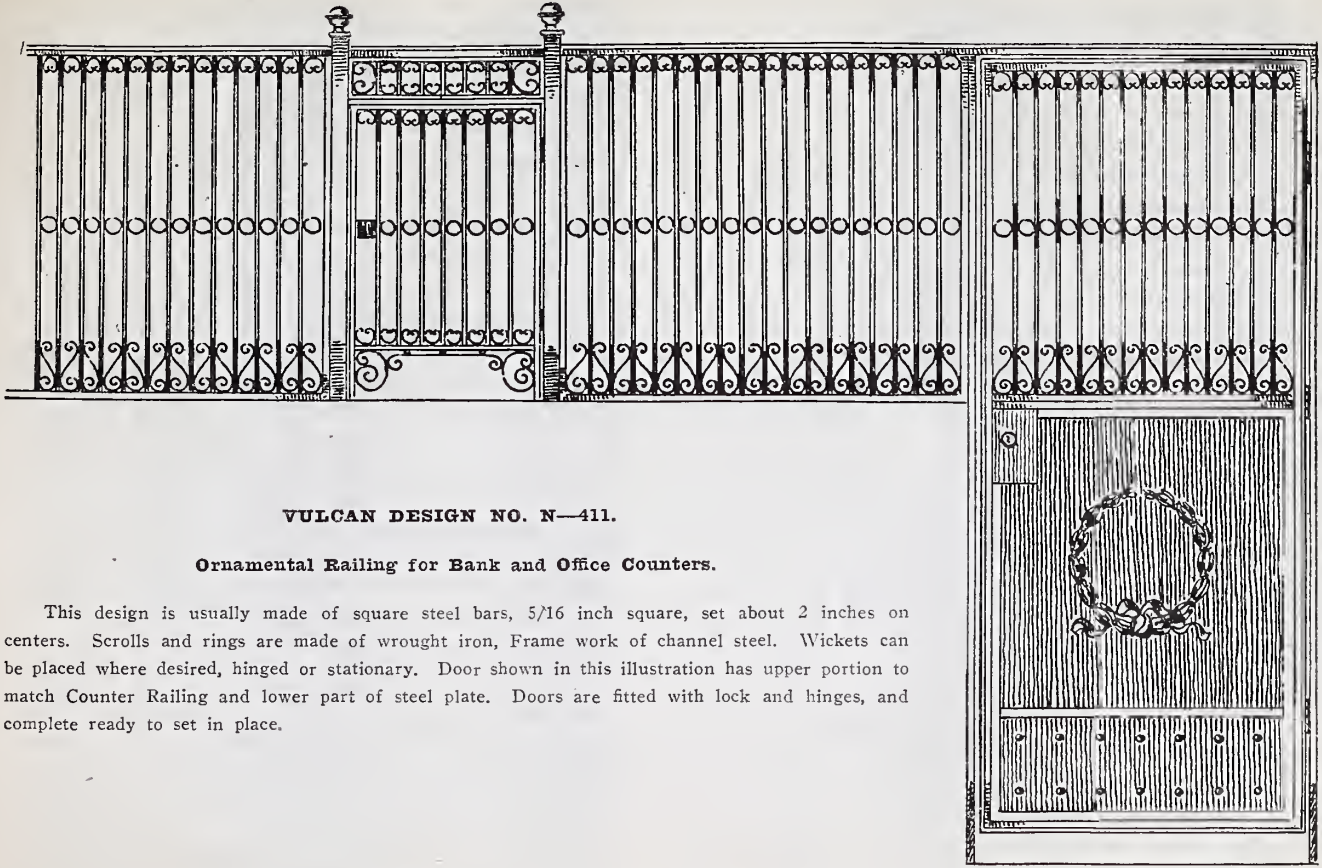
Usually made of about 1¼ inch mesh and with round wire frames and screw eyes to screw to desk.
Usually finished jet black and relieved with bronze.

Price, 12 inches high, per running foot	$ 60
Price, 18 inches high, per running foot	75
Price, 24 inches high, per running foot	90
Price, 30 inches high, per running foot	1 00
Cash Holes, extra, each	60

No extra charge for shaping O. G. ends.

Can be made to fit any size or shape counter

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



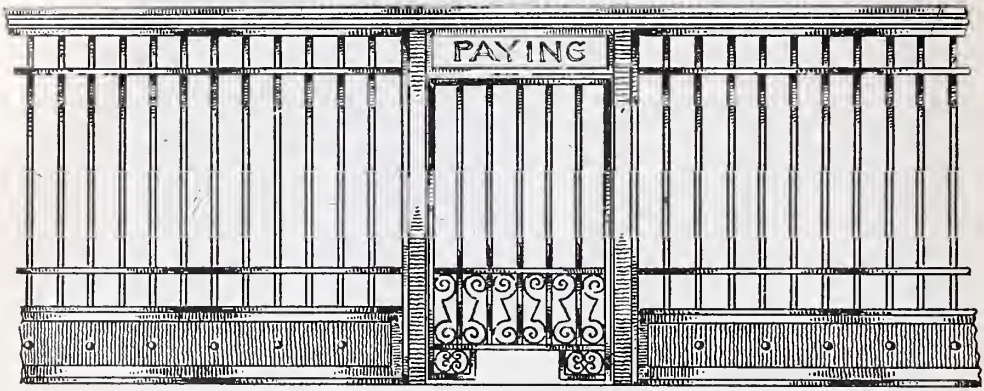
VULCAN DESIGN NO. N—411.

Ornamental Railing for Bank and Office Counters.

This design is usually made of square steel bars, 5/16 inch square, set about 2 inches on centers. Scrolls and rings are made of wrought iron, Frame work of channel steel. Wickets can be placed where desired, hinged or stationary. Door shown in this illustration has upper portion to match Counter Railing and lower part of steel plate. Doors are fitted with lock and hinges, and complete ready to set in place.

This work can be finished in rich dead black, or any of the modern electroplate finishes.

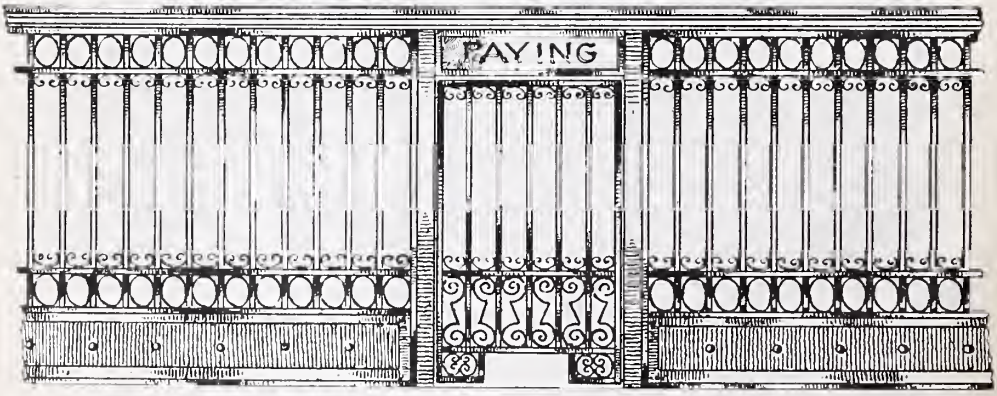
Send sketch of work desired, giving us all measurements and particulars you can, when writing for



VULCAN DESIGN NO. N—412.

All Metal Counter Railing or Screen and Wicket.

This illustration shows a complete metal Counter Railing for Bank or Office Counter. Solid metal base, square rod uprights and moulded cornice. Made to fit any shape or size desk and any height.



VUNCAN DESIGN NO. N—413.

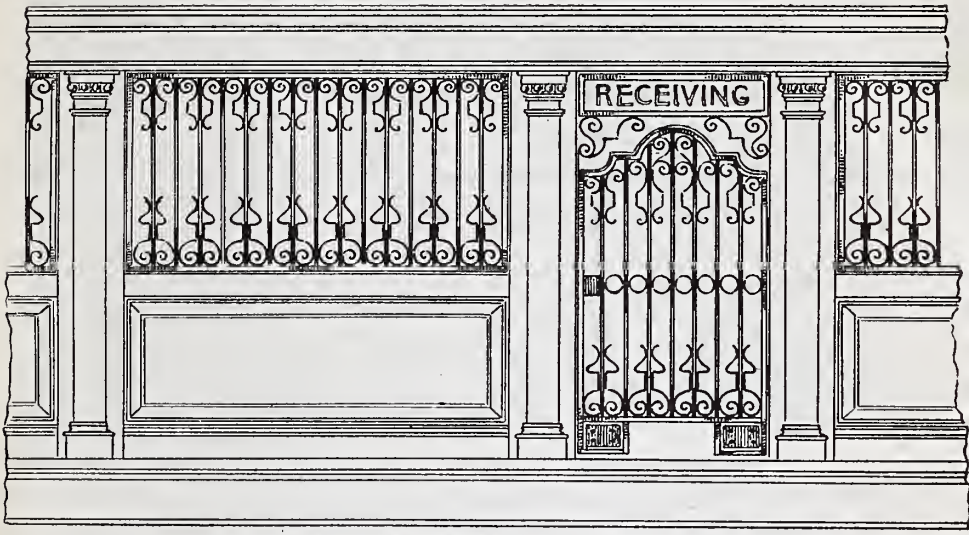
All Metal Counter Railing or Screen and Wicket.

This illustration shows same style as above, with additional art scroll work, making it more ornamental. Made any height or shape.

Prices quoted on application. Send diagram of counter and full particulars.

This work can be made in any finish desired. See list on page 5 and advise as to what finish you prefer.

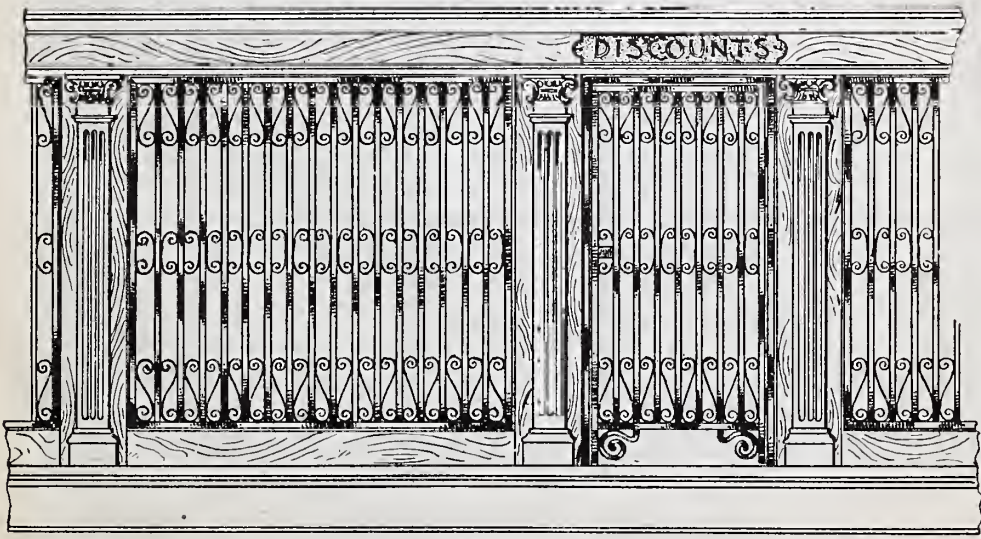
HIGH CLASS ART METAL WORK FOR COMMERCIAL FURNITURE.



VULCAN DESIGN NO. N—414.

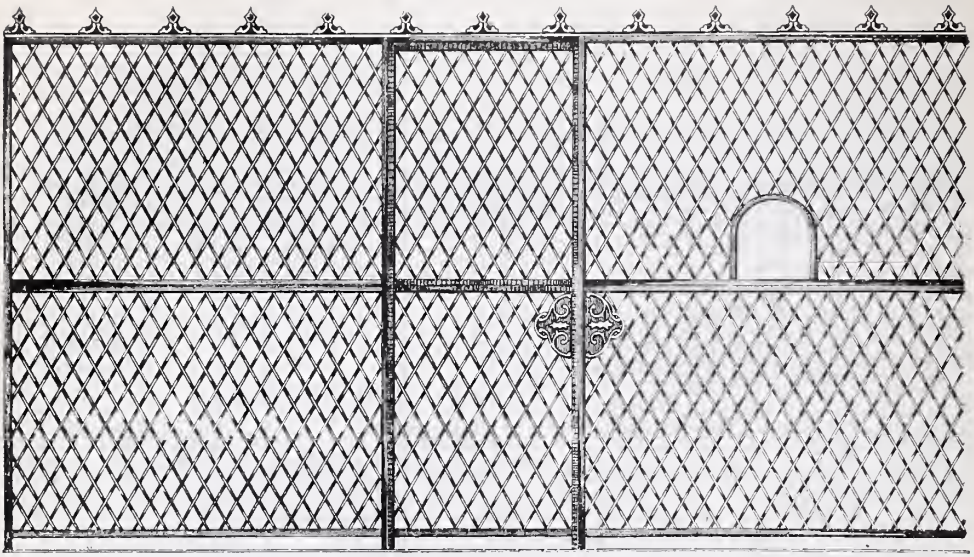
This illustration shows ornamental Art Metal panels and wickets as used in modern Banks and Office Counters. Made to order to fit any size openings. Materials used Steel, Brass or Bronze in any desired finish. See page 5 for list of finishes.

Prices quoted on application. Send memo. of size desired and finish.



VULCAN DESIGN NO. N—415.

This illustration shows Art Metal panels as used in Bank and Office Counters. Prices on receipt of particulars.



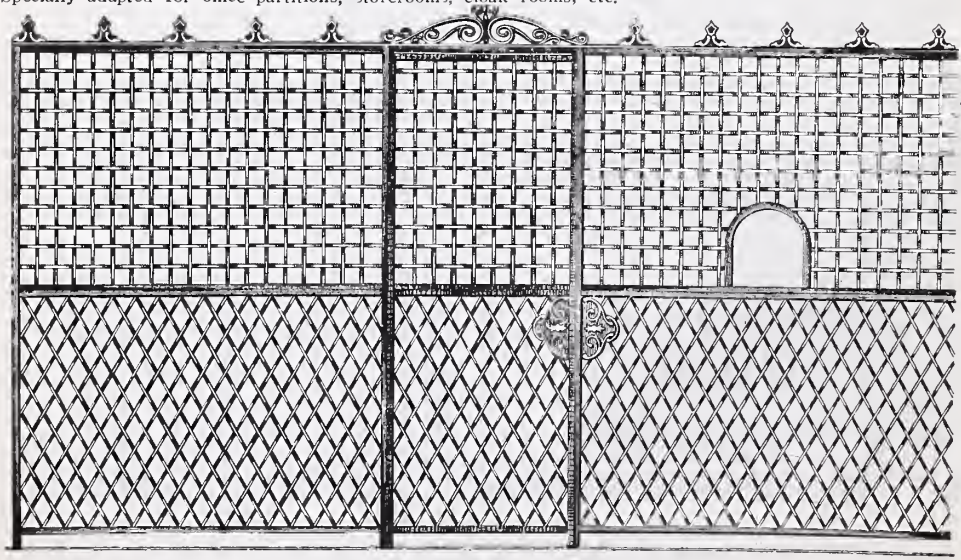
VULCAN DESIGN NO. N—416.

Usual construction, 2 inch mesh No. 9 wire, 1 in. x ½ in. channel steel frames. Double channels through center. Painted deep black with gold trimmings. Other colors if desired.

6 feet high or more, price per square foot...$0.40 Extra for spring lock and hinges on door....$5.00
Pickets on top, per lineal foot..... 0.20 Cash holes placed anywhere, each..... 1.50

Doors can be made to slide with best rollers, track, claw lock, etc. $10.00 extra in addition to square foot price.

This partition is substantial and affords good protection without obstruction to light or ventilation. Specially adapted for office partitions, storerooms, cloak rooms, etc.



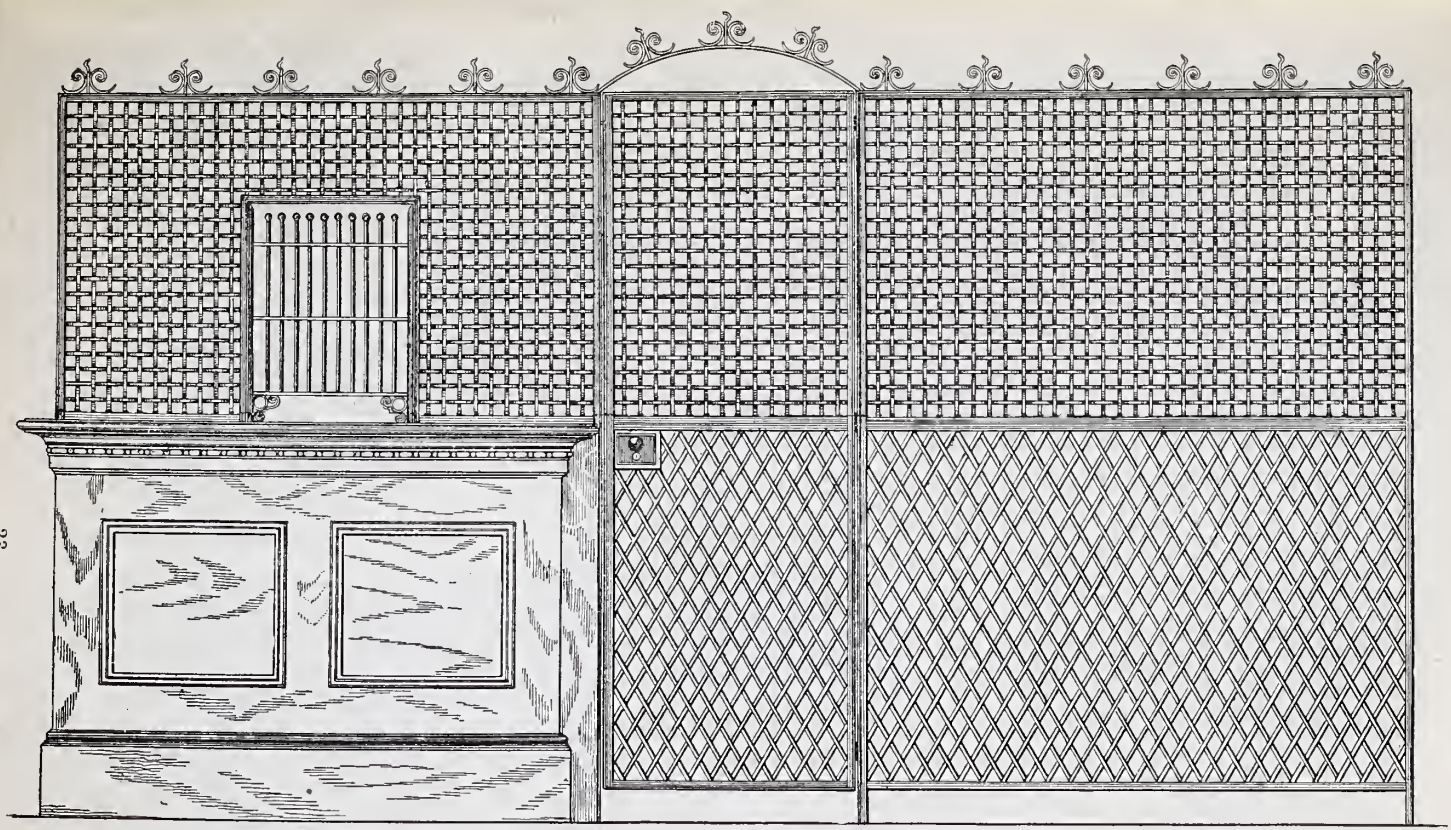
VULCAN DESIGN NO. N—417.

Usual construction. Upper portion, 1½ inch mesh, ¼ inch flat steel wire, crimped and interwoven. Lower portion, 2 inch mesh No. 9 wire. 1 in. x ½ in. channel steel frames and double channel cross bar. Usually painted black with gold trimming. Other colors if desired.

Price, 6 feet high or more, per square foot..$0.45 Extra for spring lock and hinges on door....$5.00
Pickets on top, per lineal foot ..... 0.20 Cash holes placed anywhere, each..... 1.50

Doors can be made to slide with best rollers, track, claw lock, etc. Extra in addition to square foot price, $10.00.

This is the Standard Partition used for Bank Cage work. It is neat, strong and attractive in appearance. Can furnish this work in electroplate finish, at 30c per square additional foot.



VULCA DESIGN NO. N—418.
Counter and Desk Railing.

Usually made of 1½ inch mesh, flat double-crimped steel wire. Channel steel frames.

	Dull Black.	Oxidized or Electro-plated.
Price, 24 inches high, per square foot	$0.70	$1.00
Price, 30 inches high, per square foot	.65	.95
Price, 36 inches high, per square foot	.60	.90
Pickets on top, per lineal foot	.30	.40

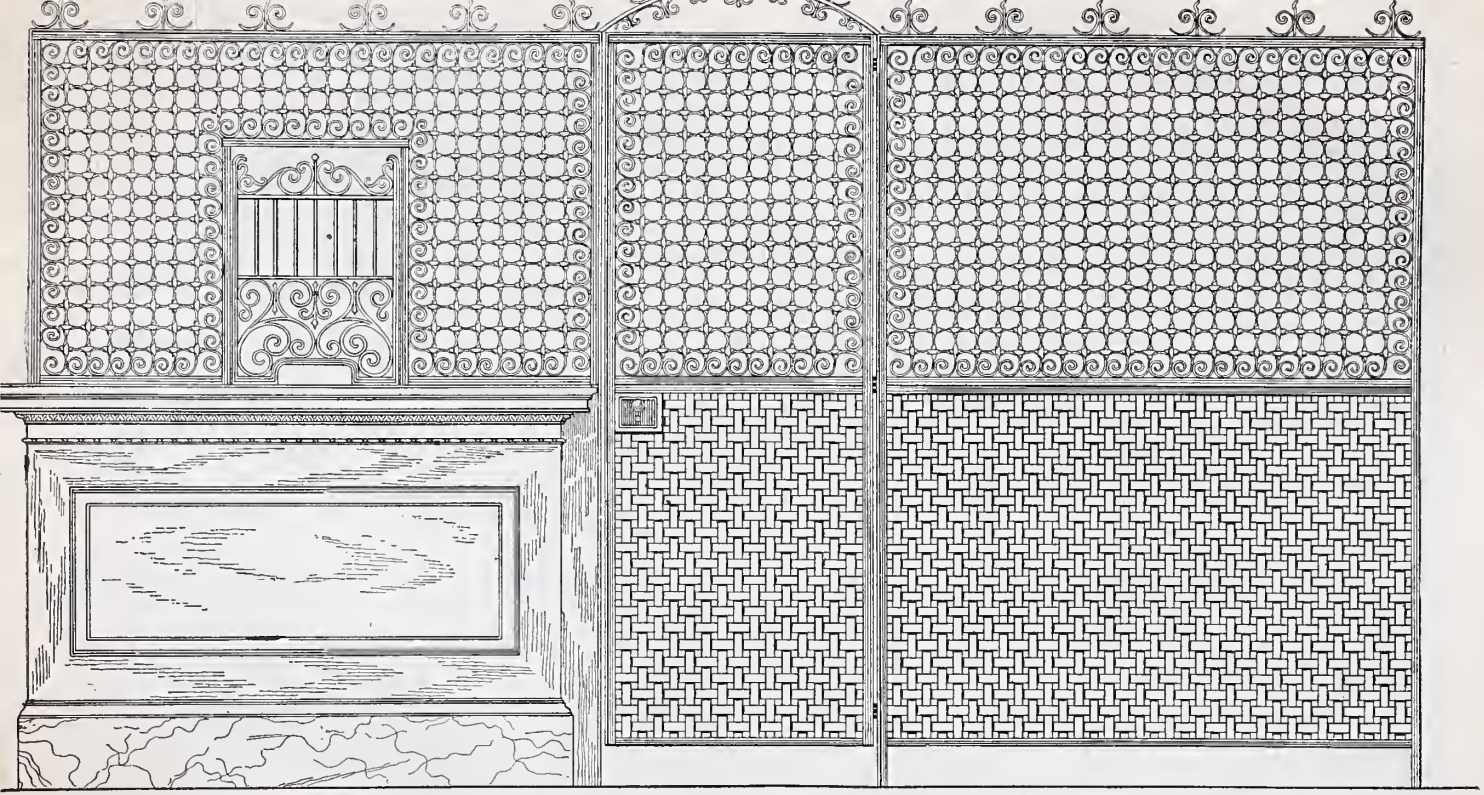
Extras—Cash Holes, $2.00 each; Wicket Gates, as shown, 18x24, polished brass, stationary, $12.00; hinged and locked,

VULCAN DESIGN NO. N—419.
Partition Railing and Door.

Upper part constructed same as Counter Railing. Lower part diagonal mesh round wire work.

	Dull Black.	Oxidized or Electro-plated.
Price, 5 feet high or higher, per square foot	$0.50	$0.80
Pickets on top, per running foot	.30	.40
Extras—Spring Lock, Butt Hinges and extra work on each door	6.00	8.00
Sliding Doors, with track, lock, etc.	10.00	12.00

Pickets not measured in height.



VULCAN DESIGN NO. N—420.
Counter and Desk Railing.

Usually made of 1½ inch mesh, flat twisted scroll border work. Channel steel frames.

	Dull Black.	Electro-plated.
Price, 24 inches high, per square foot	$1.20	$1.50
Price, 30 inches high, per square foot	1.15	1.45
Price, 36 inches high, per square foot	1.10	1.40
Pickets on top, per running foot	.30	.40

Extras—Cash holes, each, $2.00; Wicket Gates, as shown, 18x24, stationary, $15.00; hinged and locked, $17.00.

VULCAN DESIGN NO. N—421.
Partition Railing and Door.

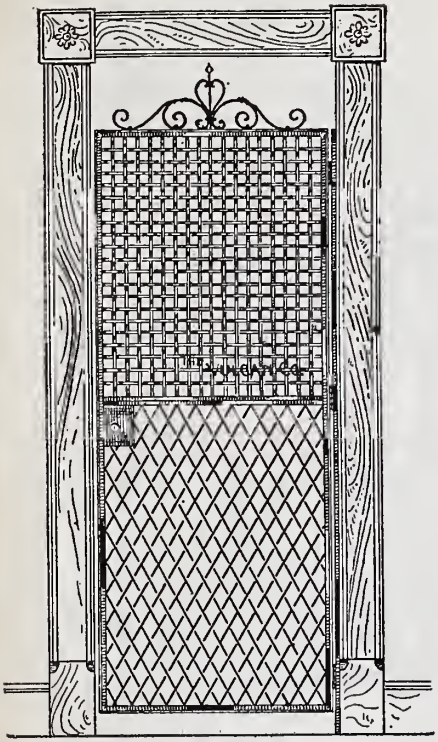
Upper part same as Counter Railing. Lower part steel basket work. Channel steel frames.

	Dull Black.	Electro-plated.
Price, 5 feet high or higher	$1.10	$1.40
Pickets on top, per running foot	.30	.40
Extras—Spring Lock, Butt Hinges and extra work on each door	6.00	8.00
Sliding Door, with track, etc	10.00	12.00

Write for net prices, sending full particulars.

Pickets not measured in height.

All our work is positively first class and guaranteed in every way.



VULCAN DESIGN NO. K—250.

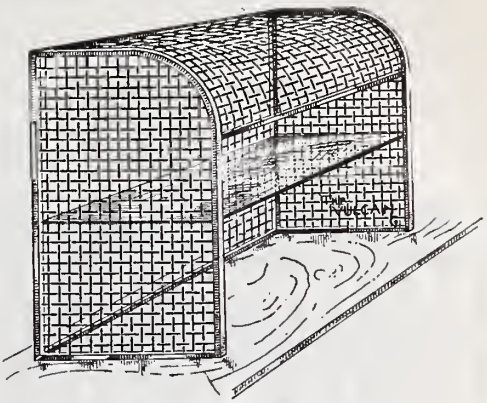
WIRE DOOR FOR OFFICES.

Made to fit any size or shape of opening. Usually fitted complete with butt hinges, hanging and slamming bar, and spring lock, having knob on one side and key hole on the other side.

Price, complete, usual size, about 30 inches by 72 inches, regular fittings, dead black finish..$18 00
Electroplate 25 00

If desired can furnish single or double acting spring hinges, dead lock, or can be fitted with electrical lock to open at a distance, costing extra.

When ordering always give exact size of opening, and make sketch showing how it should swing, and state which side is outside.



VULCAN DESIGN NO. K—251.

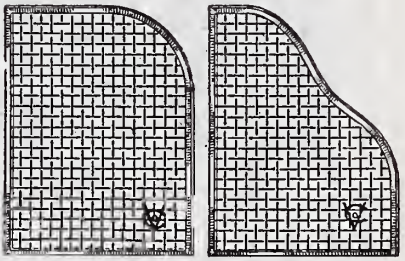
TELLER'S MONEY GUARD.

This Guard is used in many banks and offices to protect the ready cash usually placed near the teller's window. Usually provided with heavy plate glass shelf as shown.

Usual size, 18 inches deep, 30 inches high, 30 inches long. Any size made to order.

Price, complete, dull black finish.....$22 00
Price, complete, electroplate finish..... 28 00

Our price includes the glass shelf.



Vulcan Design No. K—252 Vulcan Design No. K—253

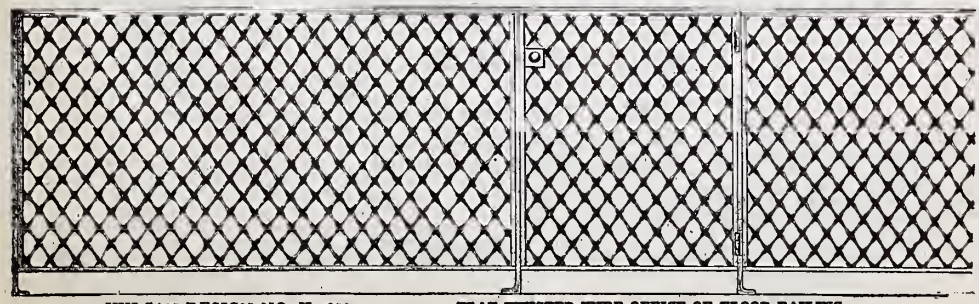
GUARDS FOR TELLER'S WINDOWS.

Usually made of about ⅞ inch mesh, 3/16 inch flat steel crimped wire, secured with channel steel frames.

Usual size 18 inches by 24 inches. Any size made to order.

Price, dull black finish, each.....$4 50
Price, electroplate finish, each..... 5 50

We positively guarantee the quality of our work as the very best.



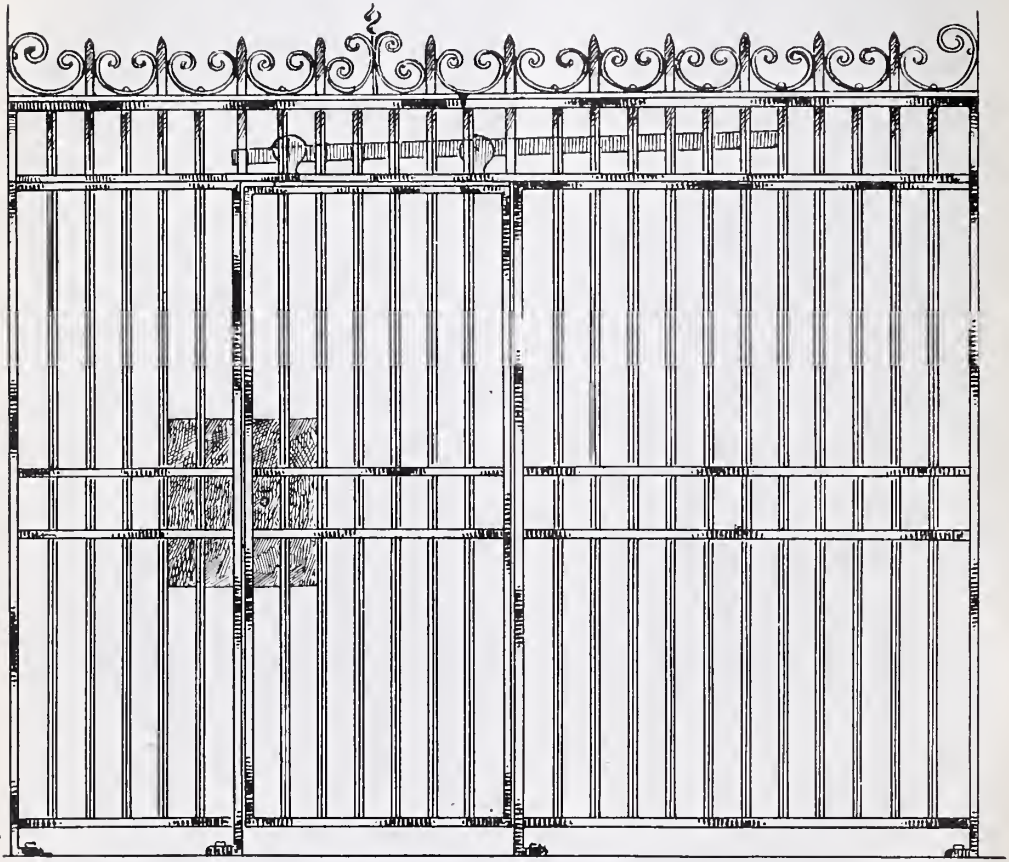
VULCAN DESIGN NO. K—254. **FLAT TWISTED WIRE OFFICE OR FLOOR RAILING.**

	Dull Black	Electroplated
Price, per running foot, 36 inches high.....	$3 50	$4 50

Extra work on gates, hinges, secret catch, etc., $6 00. Pickets on top, 25c per foot.

Send diagram when writing for prices and state finish Desired. Can be made of plain round wire costing considerable less.

ORNAMENTAL WROUGHT IRON PARTITION RAILINGS.



VULCAN DESIGN NO. N—422.

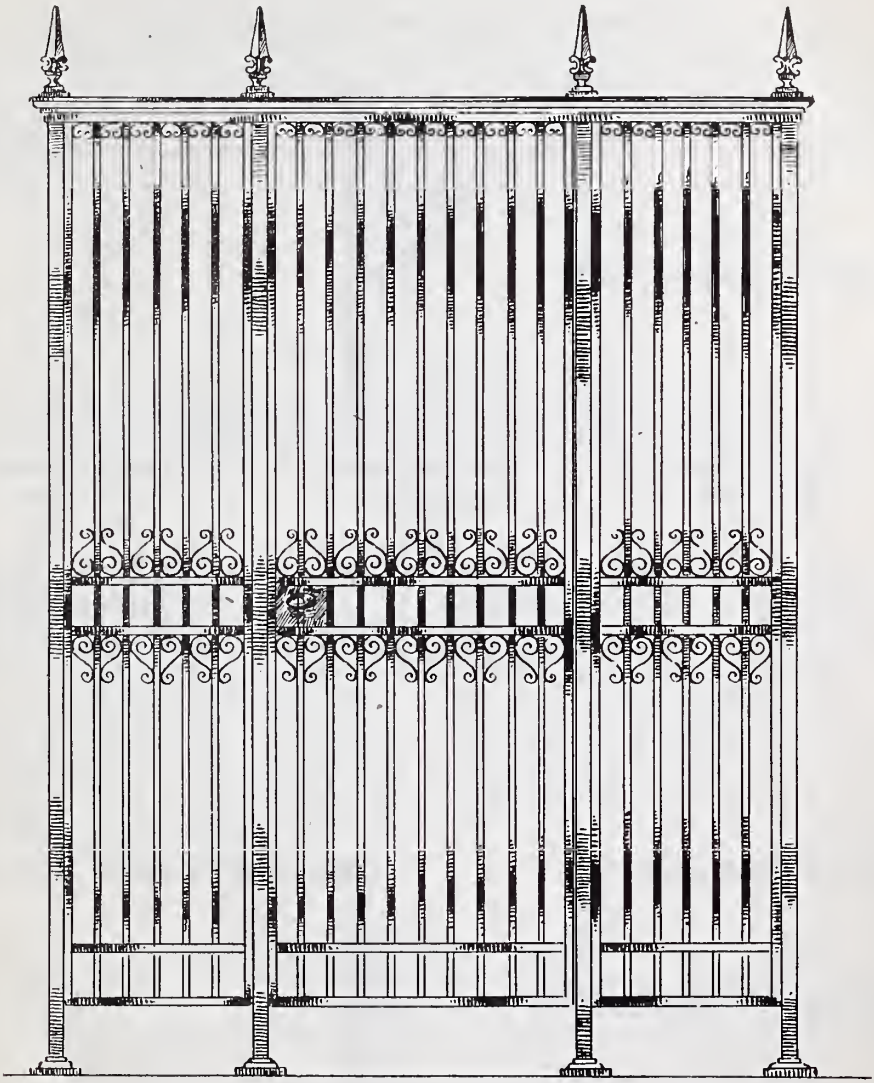
Wrought Iron Partition Railing.

Suitable for dividing offices, departments in Banks and Commercial Houses, Vaults, etc. Usually finished black. Can be made of round or square uprights of any size desired.

Approximate price, made of ⅝ inch round bars, dead black finish, per square foot.....$ 1.00

Extra for sliding door, track, hangers, good lock, etc., in addition to price per square foot..... 14.00

Door can be made to hinge, instead of sliding. Send particulars for net price.



ORNAMENTAL WROUGHT IRON PARTITION RAILINGS.

VULCAN DESIGN NO. N—423.

Wrought Iron Partition Railing.

Suitable for Offices, Banks, Vaults, etc.

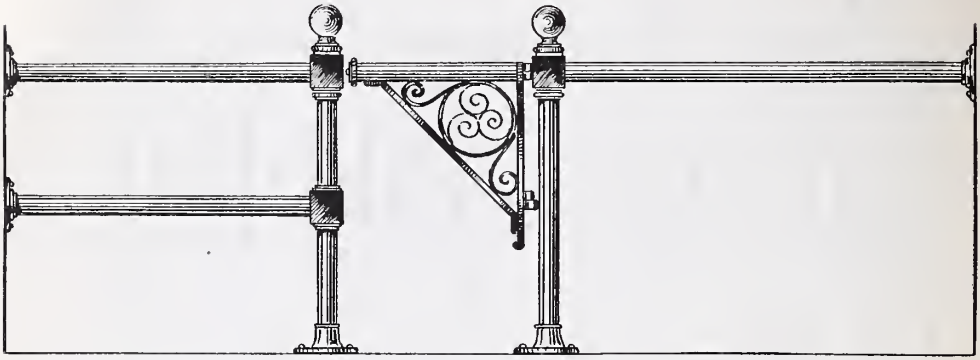
Made in any length or height desired. Usually finished dead black, but can be electroplated in any desired finish.

Door can be made to slide if desired, instead of hinged.

Approximate price, dead black finish, per square foot.....$ 1.50
Extra for each post 5.00
Extra for spring lock, hinges and extra work on door..... 12.00

Send exact particulars for net price, stating what finish is desired.

TUBULAR RAILINGS OF POLISHED BRASS.



VULCAN DESIGN NO. N—424.

Double Rail.

Price per foot Double Rail.
1½ inch diameter.....$2.30
2 inch diameter..... 3.00
Posts, each, for Double Rail.
1½ inch diameter, each..$10.00
2 inch diameter, each.. 12.00

VULCAN DESIGN NO. N—425.

Gate.

Price $15.00.

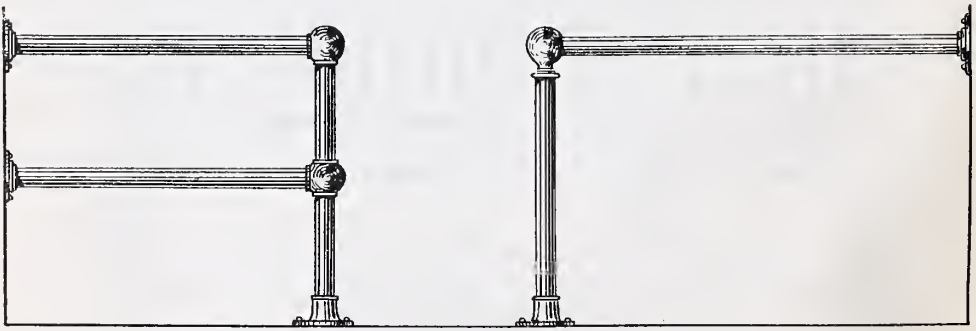
Wall Flanges Extra. Each $1.50

Curves and Bends cost extra.

VULCAN DESIGN NO. N—426.

Single Rail.

Price per foot Single Rail.
1½ inch diameter.....$1.15
2 inch diameter..... 1.50
Posts, each for Single Rail.
1½ inch diameter, each..$ 9.00
2 inch diameter, each.. 11.00

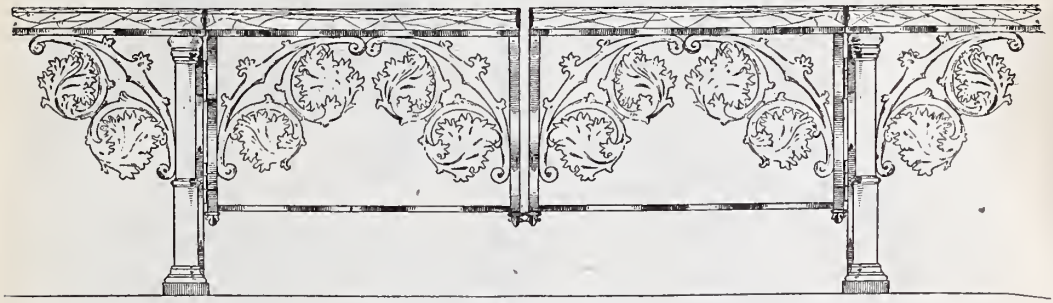


VULCAN DESIGN NO. N—427.
Double Rail.

VULCAN DESIGN NO. N—428.
Single Rail.

See above for Prices. Post list $1.00 each less.
We can make this work in any shape desired. Net prices quoted on receipt of exact particulars.
Larger diameter Rails can be furnished, if desired, costing more.

ARTISTIC BRONZE AND BRASS RAILINGS FOR CHURCHES, OPERA HOUSES, ETC.



VULCAN DESIGN NO. K—263.

ALTAR RAILINGS.

The above style railing was furnished by us to Rev. J. T. Mulgrew, of Lincoln, Ill., for altar of Catholic Church. Posts, frame work and ornamental brackets were of polished brass in gold finish. Top rail was the finest grade Imported Onyx, 2½"x5". Parties were well pleased with the work.

We will be pleased to figure with intending buyers of this class of work, and submit special sketches whenever desired.

VULCAN DESIGN NO. K—264.

TUBULAR BRASS RAILING.

Curved work costs extra.

Price, 1¼" diameter, per foot	$ .90
Price, 1½" diameter, per foot	1.15
Price, 2" diameter, per foot	1.50

Extra for Standards.	1¼" dia.	1½" dia.	2" dia.
6" high	$2.00	$2.25	$2.50
9" high	2.25	2.50	2.75
12" high	2.50	2.75	3.00

Other sizes in proportion.

VULCAN DESIGN NO. K—265.

TUBULAR BRASS RAILING.

Price, 1¼" diameter, per foot	$ .90
Price, 1½" diameter, per foot	1.15
Price, 2" diameter, per foot	1.50

Extra for Standards.

6" high, each	$2.50
9" high, each	3.50

VULCAN DESIGN NO. K—266.

TUBULAR BRASS RAILING.

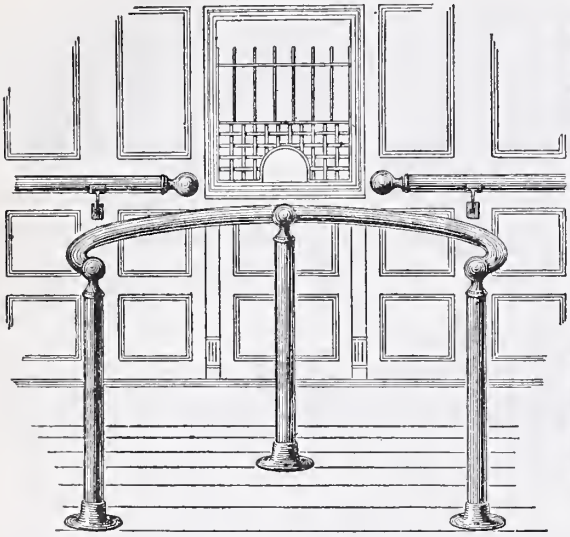
Usually made in 1 1-4, 1 1-2 or 2 inch diameter tubing. Prices on application.

Always send particulars of and diagram of what is wanted and we will quote net prices laid down at your station, fitted, ready to set in place.

All brass work can be finished, polished and lacquered, or finished gold color. We can electroplate this work in the following finishes. Nickel plate, old nickel, antique copper, old Bronze, Oxidized Brass, or any of the modern finishes, at an extra cost.

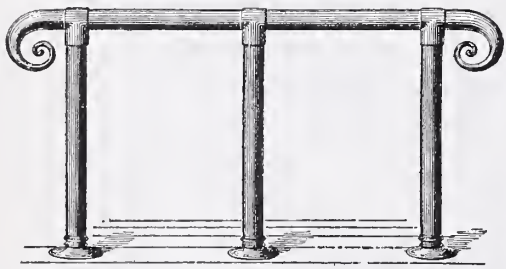
We can make anything you may desire in this line. Send full particulars when writing for prices. We guarantee strictly first-class work.

BRASS RAILINGS OF ALL SHAPES AND SIZES.



VULCAN DESIGN NO. K—255.
BRASS RAILING FOR TICKET WINDOWS.

Usually made of 2 in. diameter brass tubing.
Price, about 48 in. long, 36 in. high, with 3 posts as shown, polished brass and lacquered.....$40 00
Price, about 48 in. long, 36 in. high, with 3 posts as shown, antique copper 45 00
Any size made to order.

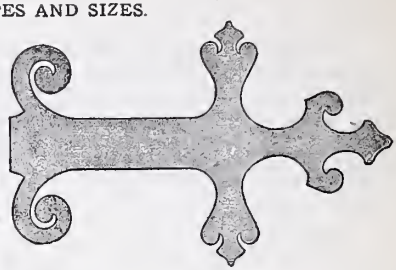


VULCAN DESIGN NO. K—256.
BRASS RAILING FOR TICKET WINDOWS.

	Polished Brass	Electro-plated
Usually made of 2 in. diameter brass tubing.		
Price: Tubing for rail, per foot.....	$1 50	$1 60
Posts, each	8 00	9 00
End scroll ornaments, per pair.....	6 00	7 00

Any size made to order. Write us if you desire anything in the brass railing line. We can make anything you may want.

VULCAN DESIGN NO. K—280.
BRASS RAIL BRACKET.
Size, 4 x 6 in. high.
Price, each, polished brass.....$2 50



VULCAN DESIGN NO. K—261.
ORNAMENTAL HINGE PLATE.
22 in. long.
Made of cast or wrought iron, brass or bronze. Price on application.

VULCAN DESIGN NO. K—262.
ORNAMENTAL HINGE PLATE.
20 in. long.
Made of cast or wrought iron, brass or bronze. Price on application.

VULCAN DESIGN NO. K—257.
BRASS HAND RAIL BRACKET.
Size, 6 x 6 in. high.
Price, each, polished brass.....$2 00
For price of brass railing per foot, see list under Design No. K-265, page 87.

VULCAN DESIGN NO. K—258.
BRASS RAIL BRACKET.
Size, 8 x 5 in. high.
Price, each, polished brass.....$2 00

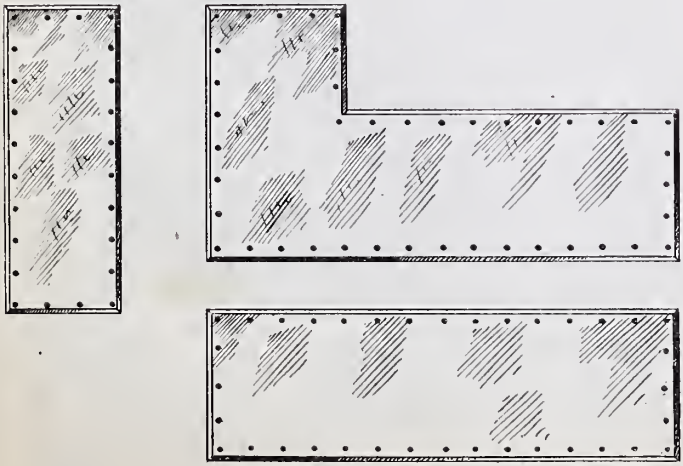
VULCAN DESIGN NO. K—259.
BRASS RAIL BRACKET.
Size, 8 x 7 in. high.
Price, each $3 00

ARTISTIC METAL WORK OF ALL KINDS.

VULCAN DESIGN NO. N—429.

Ornamental Forged Bracket and Sign.

We are in a position to make anything desired in this line. All this work is made to order only. Send exact particulars of what you require, and we will quote price and submit sketch.



VULCAN DESIGN NO. N—430.

Push and Kickplates for Wood Doors.

Material Polished Brass or Bronze. Drilled for round head screws. Usual gauge of metal, about 5/64 inch thick. Made in any shape or size desired. Send memo. of sizes desired for net price.

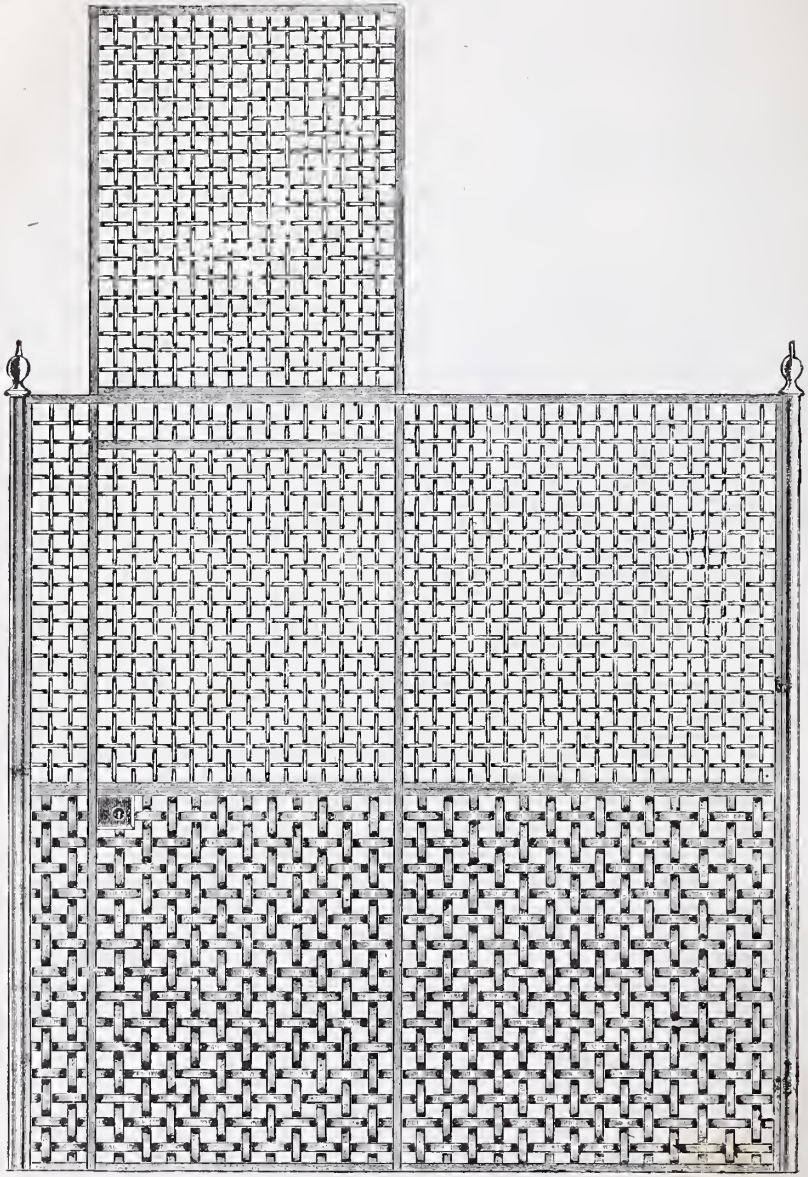


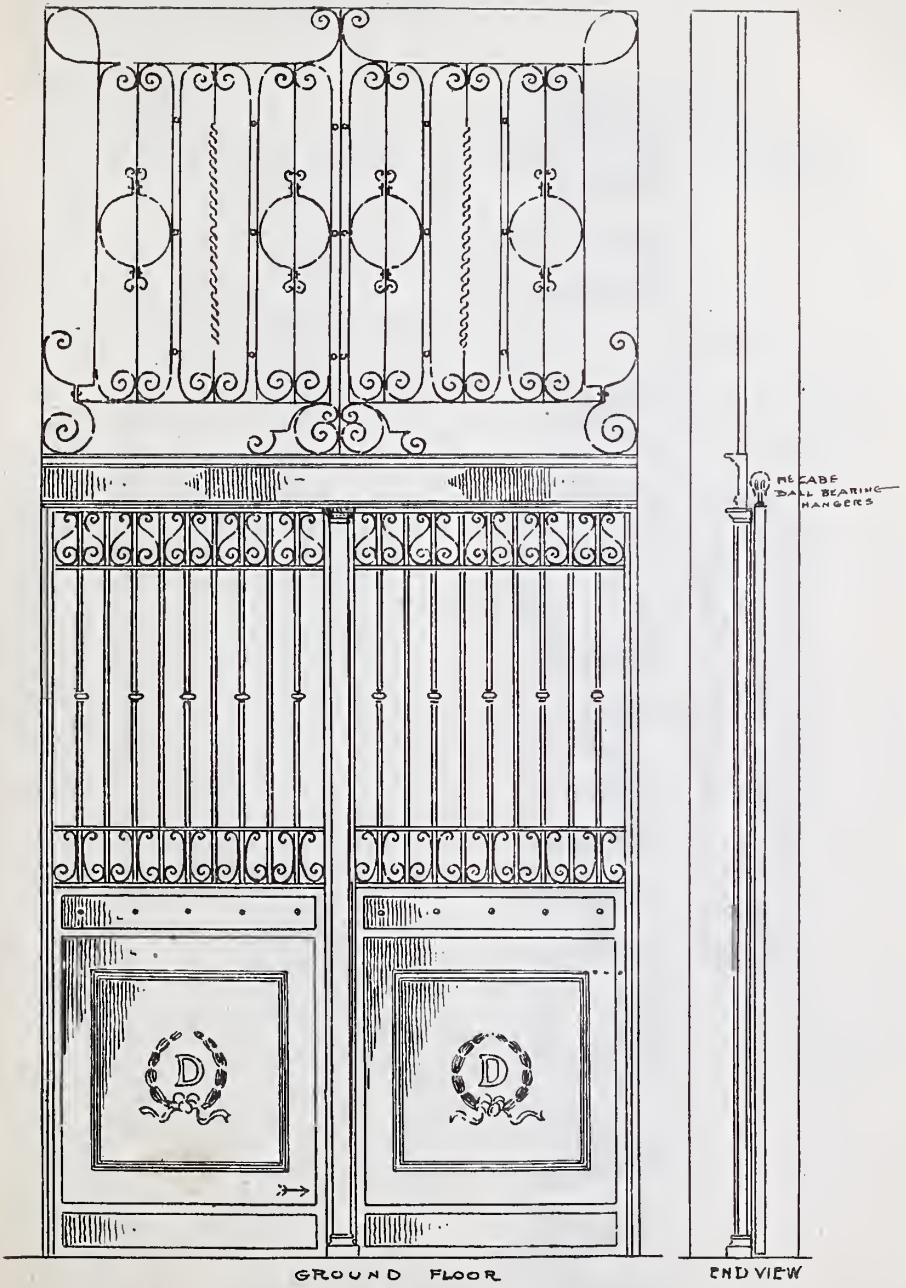
ILLUSTRATION NO. N—431.

Flat Crimped Wire Elevator Enclosure.

Above style is usually made of 1½ inch mesh flat crimped wire work for upper portion and heavier lattice work for lower part. Doors are hung on first-class anti-friction hangers, and all the work is fitted complete at shop ready to set. Can be finished in dead black or electroplated in any modern finish.

Net prices quoted on receipt of particulars that will enable us to quote understandingly.

	Dull Black.	Electro-plated.
Price, per square foot	$0.60	$0.90
Price, extra for posts	4.00	6.00
Price, extra work on doors	10.00	12.00



VULCAN DESIGN NO. N—432.
Ornamental Wrought Iron Elevator Front.
Black or Electroplated Finish.

We will be pleased to submit prices on Elevator Enclosures of plain or ornate design on receipt of particulars of what is required. Always send complete information regarding work desired, as it will help us very materially in making close estimate of cost.

DESIGN NO. C—130.

SUBSTANTIAL AND CONSPICUOUS WIRE SIGNS.

We make a specialty of Wire Signs for Hotels, Business Houses, Factories, Store-houses, etc., and can make them in any length or height. With ornamental scroll work or perfectly plain. Large factories located near R. R. tracks will find these signs an unexcelled advertising medium. They can be plainly read at a very great distance, and attract attention from far and near. Special Monograms or Trade Marks can be put on if desired. Usually our signs are made of substantial **galvanized** steel mesh work, secured into **galvanized** steel channel frames. **Galvanized** letters are secured to the mesh work with heavy **copper** wire. Wire signs can be placed in any desired position and we furnish suitable braces and guys, and complete instructions to set them in place so they will not be injured by wind storms. As before mentioned we use **galvanized** materials in constructing this work and paint it black.

Exposed work of this kind should be **galvanized** as ordinary iron work simply painted would soon rust, and it would frequently be difficult to keep it well painted on account of its inaccessible position. We will be pleased to enter into correspondence with prospective buyers and submit sketches and ideas, with prices.

LARGE WIRE ROOF SIGNS, VISIBLE FROM RAILROAD TRAINS, STEAMERS, AND DISTANT STREETS, POSSESS AN ADVERTISING VALUE NOT EQUALLED BY ANY OTHER FOR THE COST INVOLVED.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

MANUFACTURERS OF

Wire and Iron Gratings and Guards

FOR WINDOWS and DOORS
PLAIN and ORNATE

For
School Houses
Asylums
Reformatories
Jails
Penitentiaries
Station Houses
Hospitals
Stores
Churches
Public Buildings
Banks
Offices
Factories
Private Dwellings
Warehouses
R. R. Stations

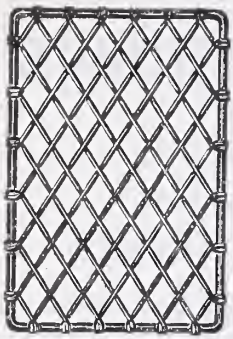
We make a specialty of Guards of all kinds, from the lightest kind to prevent breakage of glass by missiles to the heaviest bar gratings, of TOOL SAW and FILE PROOF STEEL.

Prices herein quoted are approximate, and we should have full particulars, as to the SIZE, SHAPE and QUANTITY desired in order to quote our BEST price. Complete information will enable us to figure this work closely and quote our best price.

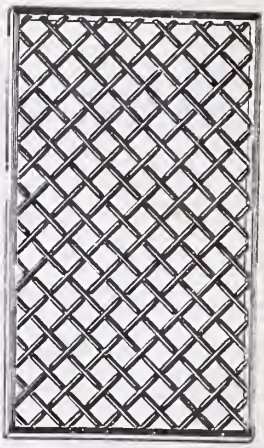
We can make anything you may desire in this line, our catalog merely illustrates some of the regular styles, we will be pleased to submit special sketches of plain or ornate work suitable for the particular place intended and offer suggestions, if desired.

Write us for net prices, giving full particulars of what you desire.

and everywhere where protection is required against breakage of glass sneak thieves, burglars and to prevent escape of persons confined in asylums and penal institutions.



WE PREFER to quote special net prices upon receipt of size and . . . . . quantity desired.



VULCAN DESIGN NO. K—40.

CRIMPED WIRE WINDOW GUARD.

(Round frame to fasten with staples.) For method of construction, see below. Wire eyes for screws can be attached if requested.

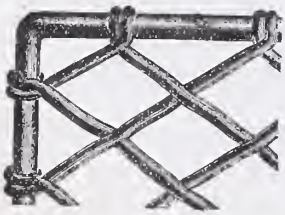
Mesh	No. of Wire	Price per sq. ft.
¼ inch	15	16 cents
¼ "	14	19 "
1 "	14	15 "
1 "	13	17 "
1¼ "	13	14 "
1¼ "	12	16 "
1¼ "	11	20 "
1½ "	11	16 "
1½ "	10	20 "
2 "	10	18 "
2 "	9	18 "
2½ "	9	16 "
2½ "	8	20 "
3 "	8	16 "
3 "	7	20 "

These prices are based on guards containing not less than four square feet in each. Guards that contain less than four square feet in each add to list as follows. Less than four square feet, 10c; less than three square feet, 15c; less than two square feet, 20c; one square foot or less, 25c.

Guards made from galvanized wire, add 2c per square foot to list prices.

Guards that are irregular in shape cost extra and are figured square from extreme measurements.

These prices include painting, staples and cartage, f. o. b. Detroit.



CUT SHOWING METHOD OF MAKING CRIMPED WIRE GUARD.

VULCAN DESIGN NO. K—40.

VULCAN DESIGN NO. K—41.

CRIMPED WIRE WINDOW GUARD.

(Channel frame to fasten with screws.) For method of construction, see below.

Mesh	No. of Wire	Price per sq. ft.
1 inch	12	30 cents
1¼ "	12	24 "
1¼ "	11	28 "
1¼ "	10	32 "
1½ "	11	24 "
1½ "	10	28 "
1½ "	9	32 "
2 "	10	22 "
2 "	9	25 "
2 "	8	28 "
2½ "	9	22 "
2½ "	8	25 "
2½ "	7	28 "
3 "	7	24 "
3 "	6	28 "

These prices are based on guards containing not less than four square feet in each. Guards that contain less than four square feet in each, add to list as follows: Less than four square feet, 20c; less than three square feet, 30c; less than two square feet, 40c; one square foot or less, 50c.

Guards made from galvanized wire, add 3c per square foot to list prices.

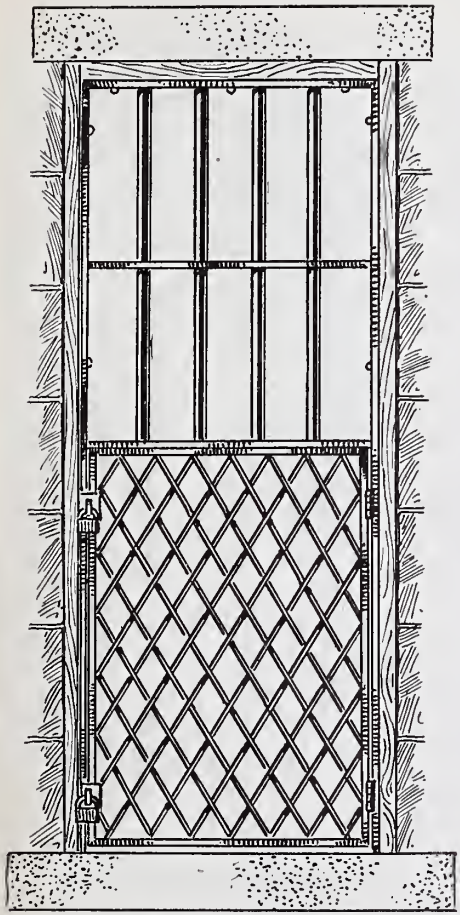
Guards that are irregular in shape cost extra and are figured square from extreme measurements.

These prices include painting, screws and cartage, f. o. b. Detroit.

CUT SHOWING METHOD OF MAKING CRIMPED WIRE GUARD.

VULCAN DESIGN NO. K—41.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



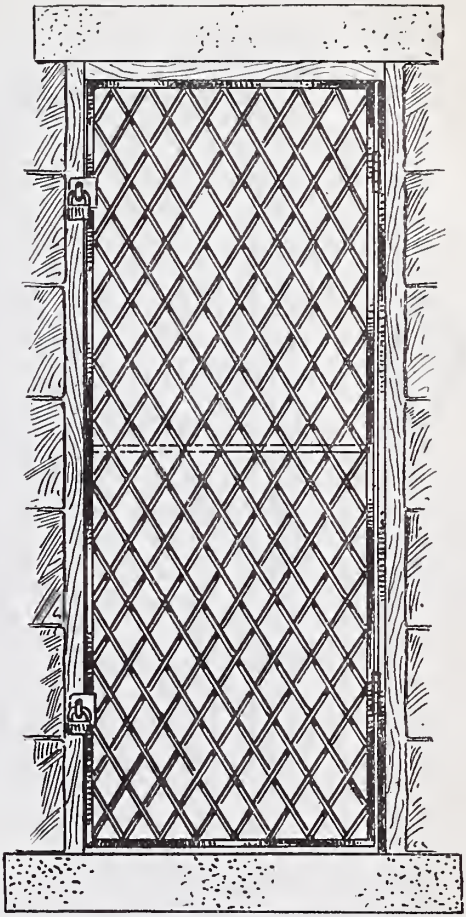
VULCAN DESIGN NO. N—433.

Combination Wire and Bar Guard.

Upper portion of this Guard usually made of ½ inch rods, set 4 inch centers. Lower part of 2 inch mesh crimped wire work, No. 9 wire. All framed in channel steel. Lower part is hung on butt hinges, and has 2 hasps and padlocks. Painted black.

Price per square foot.....$0.40

Extra for hinges, hasp and padlock on each Guard 2.00



VULCAN DESIGN NO. N—434.

Heavy Steel Wire Window Guard.

Usually made of 2 inch mesh, No. 8, 9, or 10 wire. Heavier wire or finer mesh can be furnished if desired. Channel steel frames. Painted black.

Price per square foot.

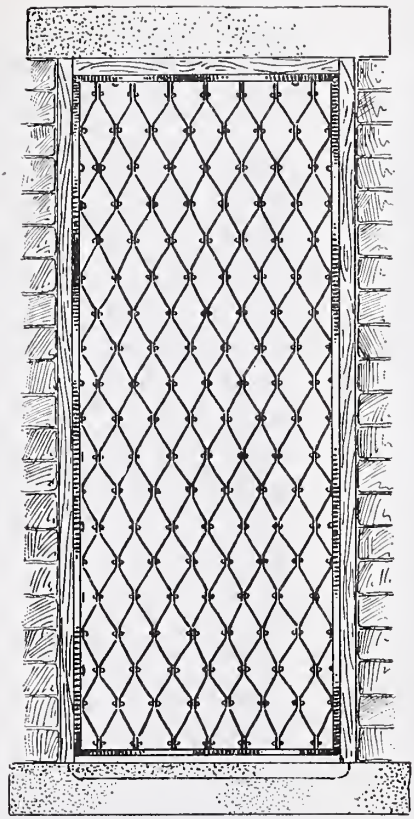
No. 8 Wire.	No. 9 Wire.	No. 10 Wire.
30c	28c	26c

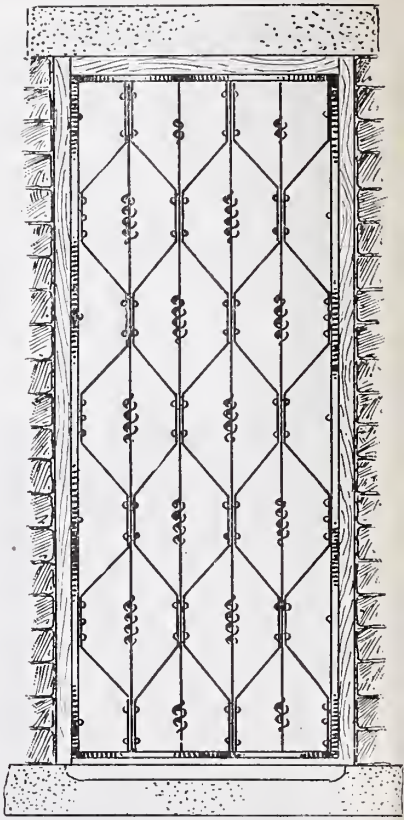
Extra for hinges, hasp and padlock on each Guard $2.00

These Guards are suitable for Windows of Asylums, Reformatories, Sanitariums, Industrial Schools, Store Buildings, etc., etc.

Send memo. of sizes desired for net prices. Special prices in large quantities. Special shapes cost extra.

Illustration showing enlarged View of Mesh Work in Illustration Number N-435





VULCAN DESIGN NO. N—435.

Heavy Wrought Iron Window Guard.

The above guards are formed of 5/8 x 1/8 inch flat steel, set on edge and pressed to form meshes about 4 inches x 2 inches, riveted together at each joint and to frame. The frame is channel steel, to be screwed to wood casing, or can be arranged to hinge and lock if desired, costing extra.

Price per square foot.....$0.60

VULCAN DESIGN NO. N—436.

Heavy Wrought Iron Window Guard.

This guard is usually made of 3/4 x 1/8 inch material, set on edge and shaped as shown, riveted together at each joint and to the channel steel frame.

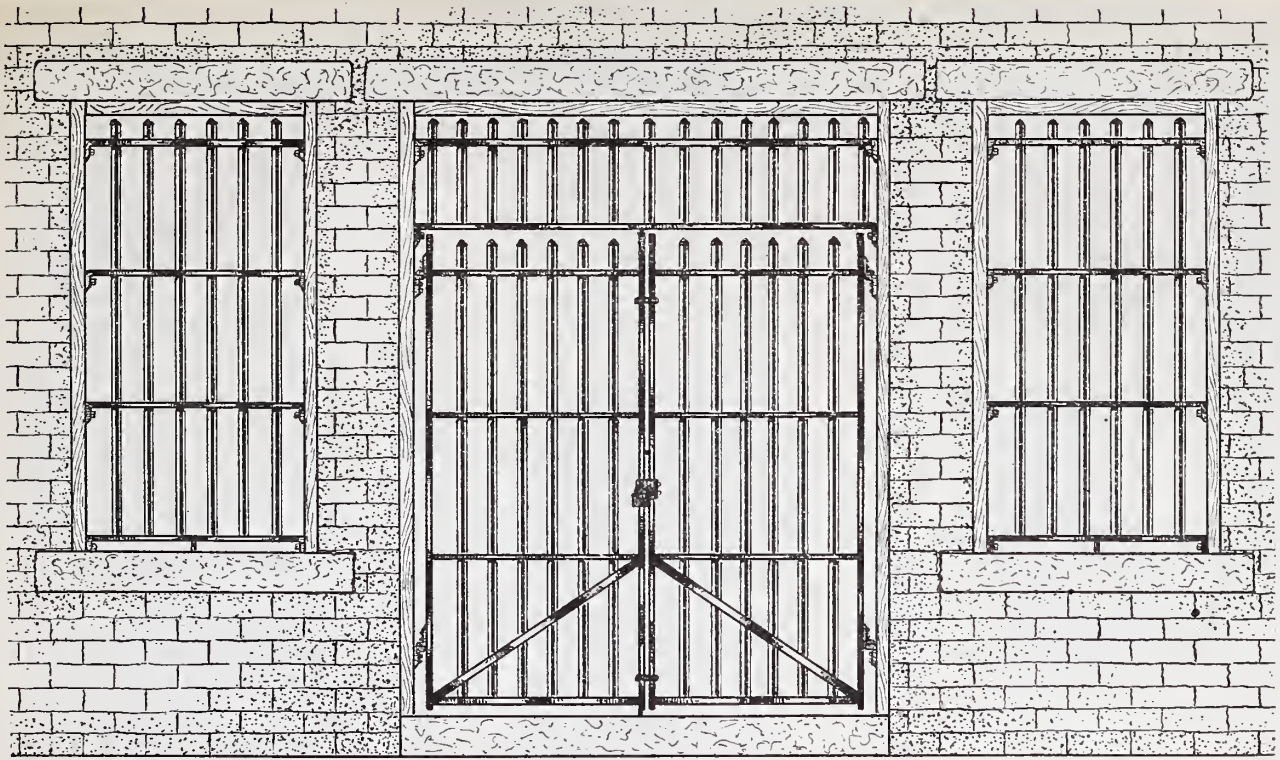
Can be made to hinge, and lock, costing extra.

Price per square foot $0.50

Extra for butt hinges, hasp and padlock, each guard.....$2.00

Special shapes cost extra.

In writing for prices send memo. of sizes desired. Special prices in large quantities. These guards are especially designed for Asylum, Hospitals, Reformatories, etc., where a stronger guard than the ordinary wire guard is desired. Samples or full size details on application.



VULCAN DESIGN NO. N—437.

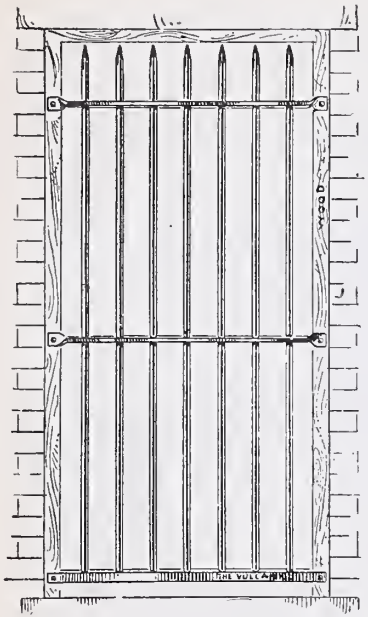
Steel Bar Guards for Doors and Windows of Stores, Ware Houses, Offices, Banks, etc. Especially designed for rear doors and windows for protection against burglars, etc. Made to fit any size opening with attachments to meet the requirements of each case. Usually painted black.

	½ in. rd. pickets.	⅝ in. rd. pickets.	¾ in. rd. pickets.	All set 4 in. apart.
Price per square foot	50c	60c	70c	

Extra for extra work on double gates, hinges, hasp, Yale padlock, bolts, etc. $7.50

Send full particulars when writing for prices. We can make anything desired in this line, plain or ornamental.

Special Prices in quantities.



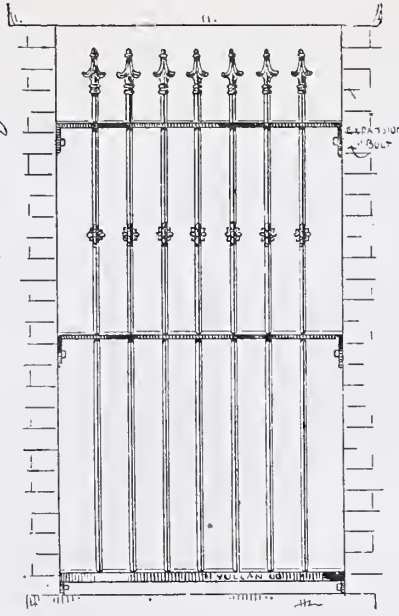
DESIGN NO. C—1

WROUGHT STEEL WINDOW GUARD.

½ in diameter round uprights—
Price per square foot..... 40c

⅝ in. diameter round uprights—
Price per square foot..... 50c

¾ in diameter round uprights—
Price per square foot..... 60c



DESIGN NO. C—2.

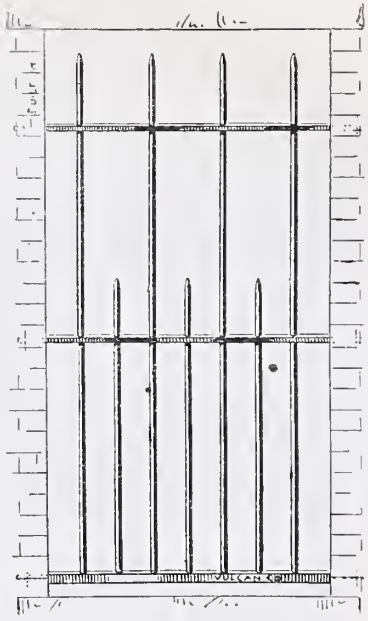
WROUGHT STEEL WINDOW GUARD.

½ in. diameter round uprights—
Price per square foot..... 60c

⅝ in. diameter round uprights—
Price per square foot..... 70c

¾ in. diameter round uprights—
Price per square foot..... 80c

Send memo of size when writing for prices.



DESIGN NO. C—3.

WROUGHT STEEL WINDOW GUARD.

⅝ in. square uprights—
Price per square foot..... 50c

¾ in. square uprights—
Price per square foot..... 60c

Above style has square bars set diagonal

SPECIAL PRICE FOR LARGE ORDERS.

We can make these Guards any size or shape and with any style fastening to secure them in place properly Design C-1 shows cross bars twisted on end to fasten to wood framework. Design C-2 shows bars bent down and secured to brick work with expansion bolts. Design C-3 shows cross bars anchored into wall Send memo. of size desired when writing for prices.

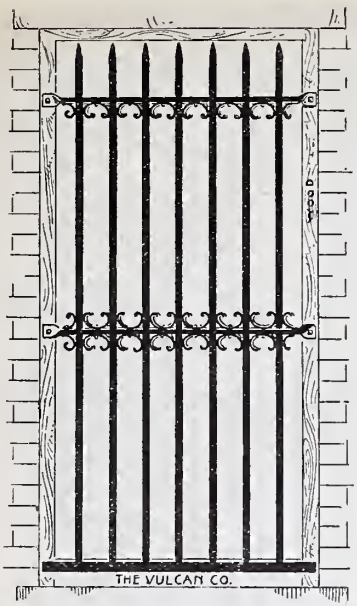
Doors can be made to match above, costing extra for stiles, hinges, hasp, etc.

Any of these guards can be made so as to be readily removed, then securely locked in place with **one padlock only.**

Any of these guards can be made so as to be readily removed, then securely locked in place with case padlocks only

We can make anything you may desire in this line

Prices depend on size and quantity



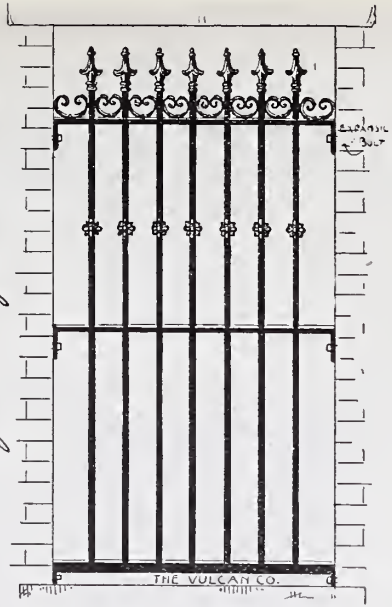
DESIGN NO. C—4.

WROUGHT STEEL WINDOW GUARD.

⅛ in. square uprights—
Price per square foot..... 70c

⅝ in. square uprights—
Price per square foot..... 80c

¾ in. square uprights—
Price per square foot..... 90c



DESIGN NO. C—5.

WROUGHT STEEL WINDOW GUARD.

½ in. square uprights—
Price per square foot..... 70c

⅝ in. square uprights—
Price per square foot..... 75c

¾ in. square uprights—
Price per square foot..... 80c

DESIGN NO. C—6.

WROUGHT STEEL WINDOW GUARD.

½ in. square uprights—
Price per square foot..... 75c

⅝ in. square uprights—
Price per square foot..... 80c

¾ in. square uprights—
Price per square foot..... 90c

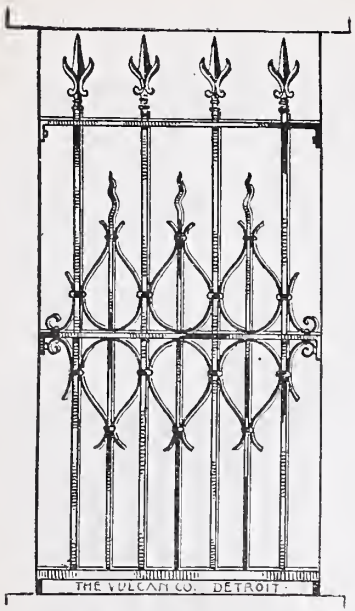
Round pickets can be used in C—4 and C-5 at little less cost

Send memoranda of sizes desired for special net prices. In ordering send sketch of casing so we can arrange for the proper fastenings.

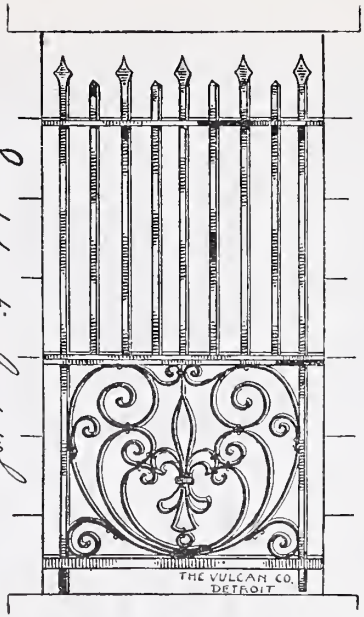
Doors can be made to match above, with hasps or keyed locks, costing extra.

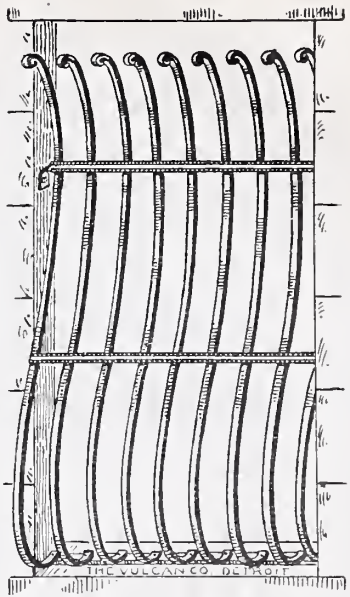
These designs can be made to conform to segment top, or other shaped openings.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



Send particulars when writing for prices.





VULCAN DESIGN NO. K—7.

WROUGHT IRON GUARD.

½ in. square larger uprights—
Price per square foot..... 90c
⅝ in. square larger uprights—
Price per square foot.....$1 00
¾ in. square larger uprights—
Price per square foot..... 1 15

VULCAN DESIGN NO. K—8.

WROUGHT IRON GUARD.

½ in. square uprights—
Price per square foot.....$1 20
⅝ in. square uprights—
Price per square foot 1 25
¾ in. square uprights—
Price, per square foot..... 1 35

VULCAN DESIGN NO. K—9.

WROUGHT IRON GUARD.

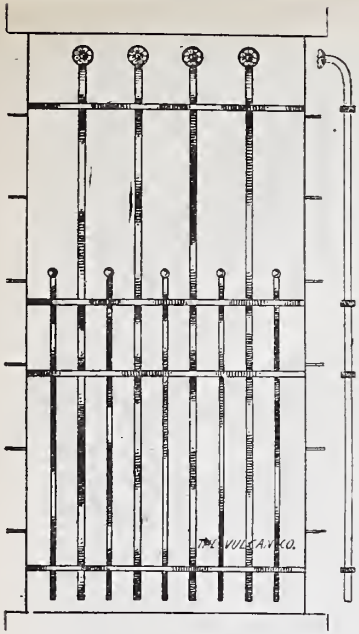
¾ x ⅜ in. uprights—
Price per square foot..... 80c
1 x ⅝ in uprights—
Price per square foot.....$1 05
Other size materials made to order.

Send particulars when ordering or writing for prices, giving size, sectional sketch of wall and casing, and quantity. Can make guards any shape or size to meet all conditions.

Doors to match above cost extra.

Quantity affects price materially on this class of work.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

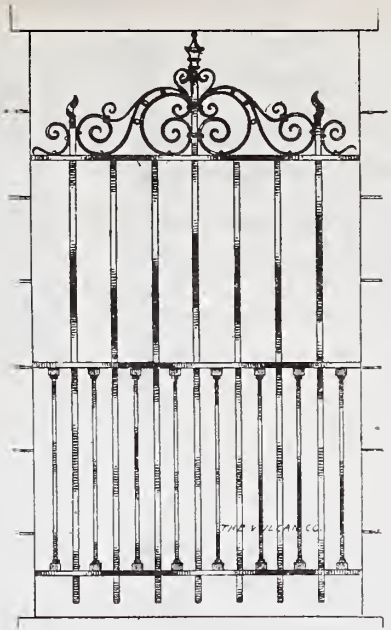


VULCAN DESIGN NO. K—13.

WROUGHT IRON GUARD.

⅝ in. square long uprights, ⅜ in. square short uprights—

Price per square foot..... 75c

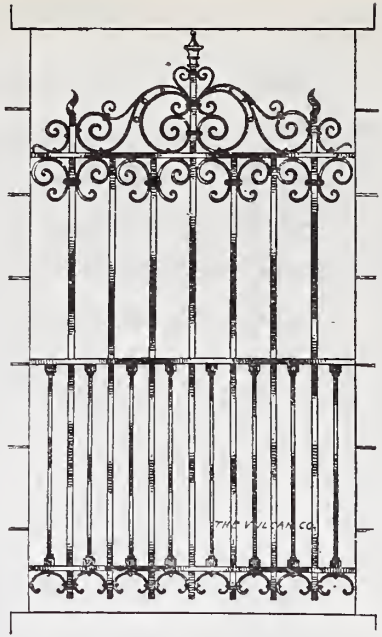


VULCAN DESIGN NO. K—14.

ORNAMENTAL WROUGHT IRON GUARD.

⅝ in. square long uprights, ⅜ in. square short uprights—

Price per square foot.....$1 25



VULCAN DESIGN NO. K—15.

ORNAMENTAL WROUGHT IRON GUARD

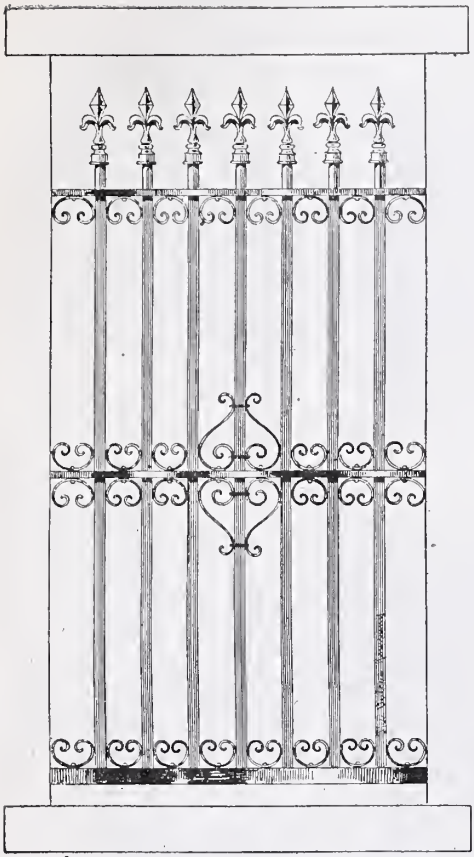
⅝ in. square long uprights, ⅜ in. square short uprights—

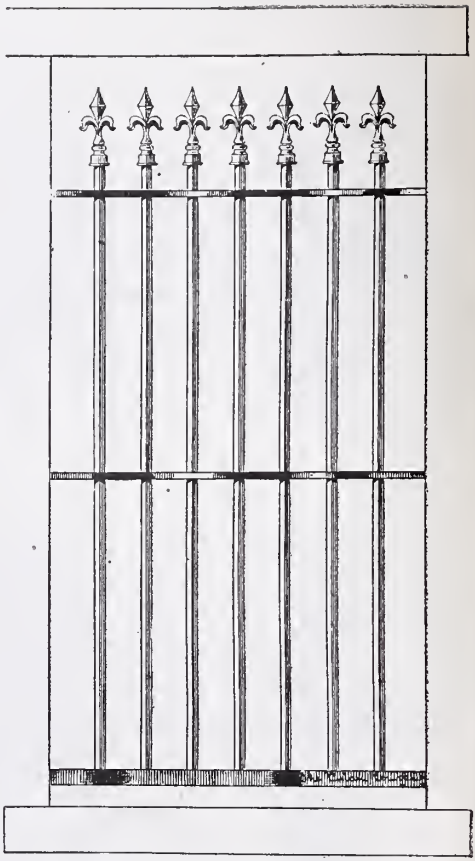
Price per square foot.....$1 50

Always send particulars when writing for prices. The quantity and size of guards desired affects price very materially. Crossbars can be shaped at ends to meet all conditions. Heavier pickets can be used if desired, costing more.

Doors to match above cost extra for hinges, locks, stile bars, etc.

Will be pleased to submit special designs, if the styles shown in this catalog do not please you.





VULCAN DESIGN NO. K—10.

WROUGHT IRON WINDOW GUARD.

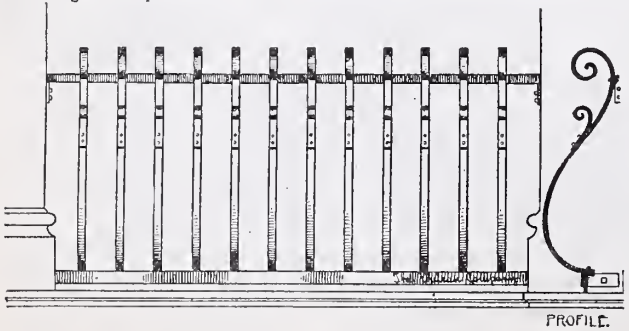
½ in square uprights, per square foot 80c
⅝ in. square uprights, per square foot 90c

VULCAN DESIGN NO. K—11.

WROUGHT IRON WINDOW GUARD.

½ in. square uprights set diagonally, per sq. ft 55c
⅝ in. square uprights set diagonally, per sq. ft. 65c

These guards are made to order to fit any size opening. Price depends on size and quantity to a large extent. Send memorandum of sizes for net price. Cross bars can be shaped at ends to meet all conditions for securing guards in place.



PROFILE.

VULCAN DESIGN NO. K—12.

WROUGHT IRON CURVED OR SWELL BODY WINDOW GUARD.

Usually constructed of 1" x 5/16" upright and substantial angle steel cross bars.

Approximate price per linear foot 30" high $2.75

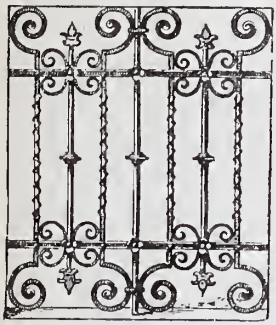
Approximate price per linear foot 36" high 3.00

Other sizes in proportion.

Ends of cross bars and swell of upright can be shaped to meet all conditions.

Send full particulars when writing for prices.

ORNAMENTAL WROUGHT IRON WINDOW GUARDS.

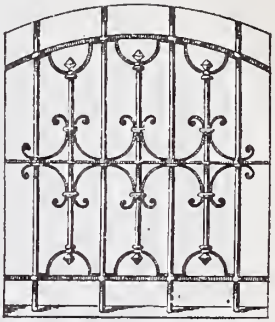


VULCAN DESIGN NO. K—16.

Price ½ in. square uprights—
Per square foot.....$2 25

VULCAN DESIGN NO. K—17.

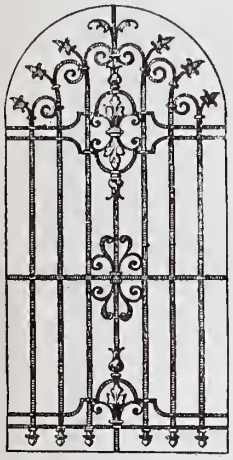
Price ½ in. square uprights—
Per square foot.....$2 25



VULCAN DESIGN NO. K—18.

Price ½ in. square uprights—
Per square foot.....$1 50

These prices are approximate. Price depends entirely on size of guard and quantity desired. Send particulars for net prices. Usually painted black.



VULCAN DESIGN NO. K—19.

½ in. square uprights—
Price per square foot.$2 50

Any size made to order. Send memo. of sizes when writing for price.

VULCAN DESIGN NO. K—20.

Ornamental Wrought Iron Bracket for hanging arc light or signs.

Made to order any size.

Price on application.

State size desired and what it will be used for.

VULCAN DESIGN NO. K—21.

Ornamental Wrought Iron Bracket for hanging arc light or signs.

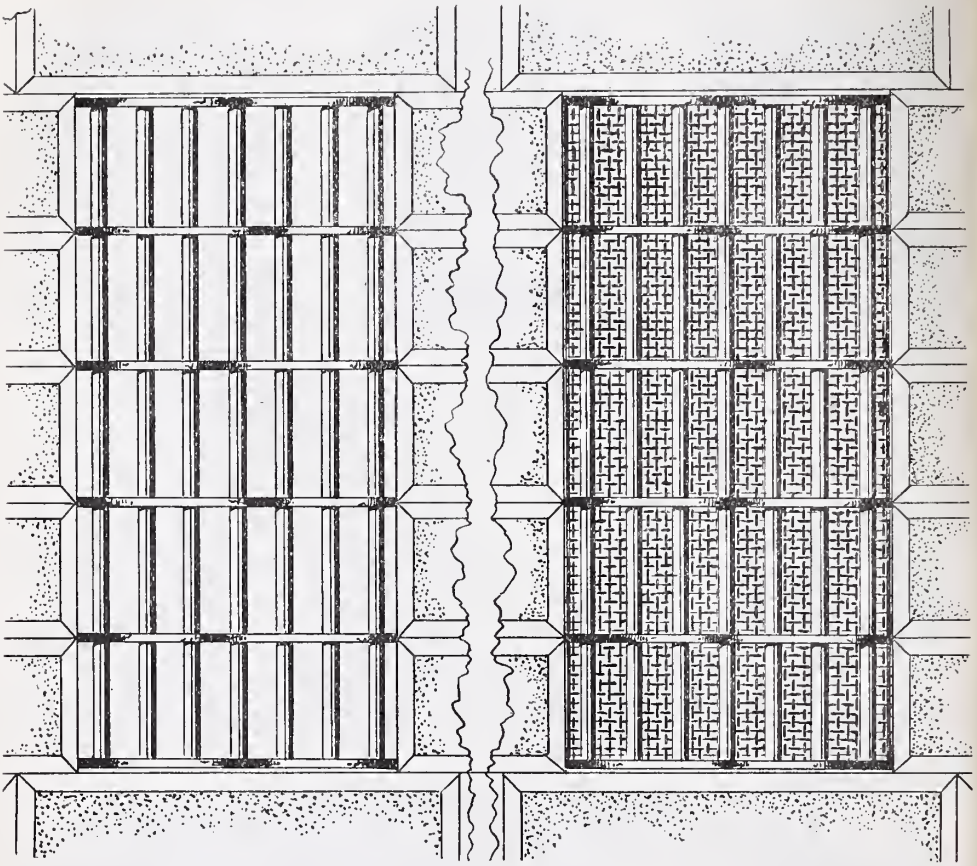
Made to order any size.

Prices on application.

State size desired and what it will be used for.

All our work is executed with artistic skill and precision. None of this work is carried in stock, and similar designs can be used to fit any size opening. We will be pleased to submit sketches for similar work, in case our catalog illustrations are not exactly what is wanted.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULCAN DESIGN NO. N—438.

Heavy Steel Bar Guard for Jails and Prisons, Storehouses, Vaults, Warehouses, Etc.

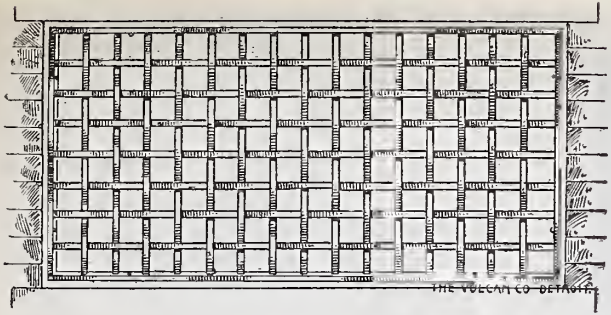
This guard can be made in a variety of sizes of uprights, from ⅝ inch to 1 inch diameter, round, square or hexagon uprights can be used, set from 3 to 4 inches apart. Crossbars are of ample size to suit size of uprights and are usually "built in" jamb.

We can make this work of ordinary Bess. steel or genuine saw, tool and fire-proof steel if desired.

VULCAN DESIGN NO. N—439.

This illustration shows our heavy bar guard lined with heavy fine meshed steel screen, to prevent the passing of tools, weapons, bottles, etc., to prisoners confined in jails or prisons. This screen is usually made of heavy crimped steel wire and about ¼ inch or ⅜ inch openings. It has a heavy rod border around outer edge and is generally secured to the bar guard with heavy tie wires.

We will be pleased to quote prices on receipt of particulars, stating how many guards are desired, size, shape, etc. Also state if you desire something medium, heavy or extra heavy, and we will suggest. Special price in large quantities.

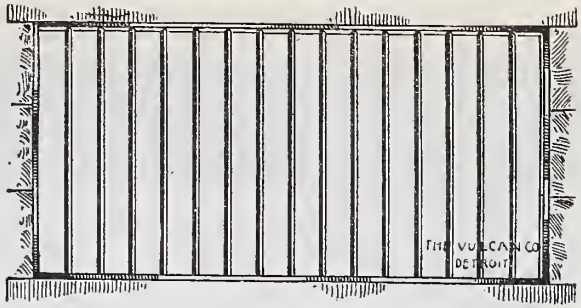


VULCAN DESIGN NO. K—24.
WROUGHT IRON WINDOW GUARD.

Usually made of 3 inch mesh; ½ inch flat steel interwoven, secured into channel steel frames. Can also be made of 2 inch mesh; ⅜ inch flat wire, at same price.

Price, per square foot.....$ 50

Special price in quantities. See note below.

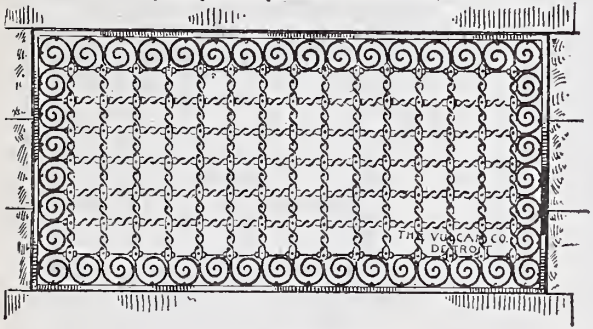


VULCAN DESIGN NO. K—25.
WROUGHT IRON WINDOW GUARD.

Usually made of ½ inch square steel bars, set about 3 inch on centers. Channel steel frame.

Price, per square foot.....$ 60

Send memorandum of sizes for special price. See note below.

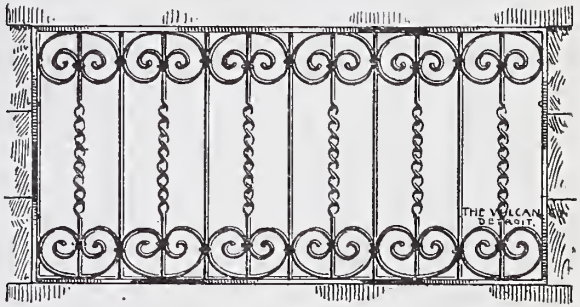


VULCAN DESIGN NO. K—26.
WROUGHT IRON WINDOW GUARD.

Usually made of 3 inch mesh; ½ inch twisted flat steel, riveted at intersections. Scroll border secured to channel steel frame.

Price, per square foot.....$ 90 to $1 00

See note below.



VULCAN DESIGN NO. K—27.
WROUGHT IRON WINDOW GUARD.

Usually made of ¾ x 5/16 inch uprights and ¾ x 3/16 inch scrolls. Channel steel frames.

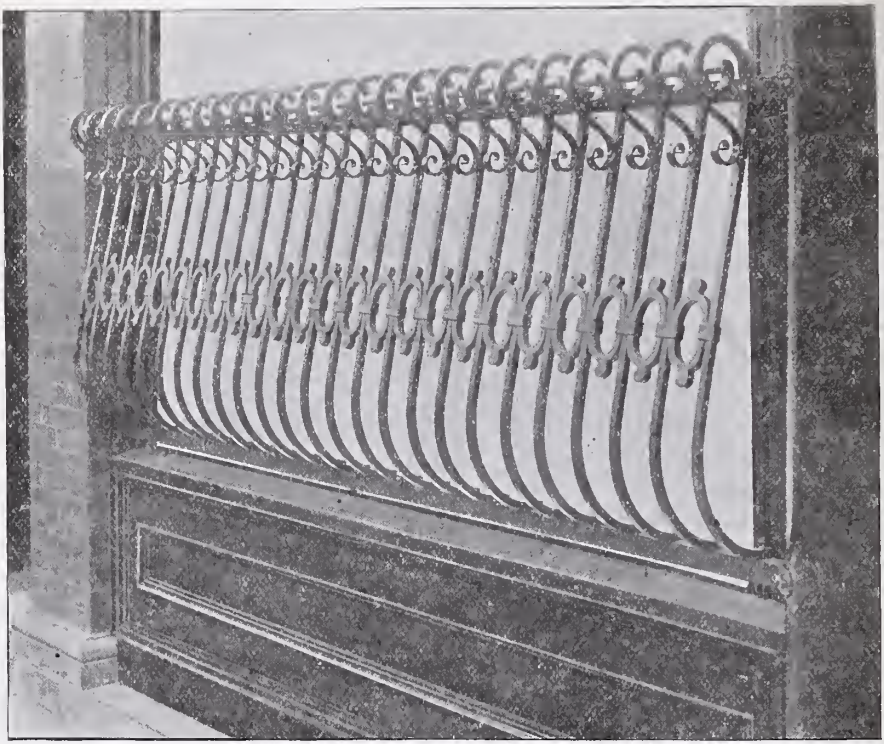
Approximate price per square foot.....$1 10 to $1 25

See note below.

We prefer to make exact net price upon receipt of sizes and quantity desired.

NOTE—Above guards are designed for basement and cellar windows. They are made to order any size or shape. Can be hinged and locked with hasp and padlock, costing a little extra. Guards containing less than 5 square feet cost a little more per foot. Always send memorandum of sizes when writing for special prices. Usually painted black.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



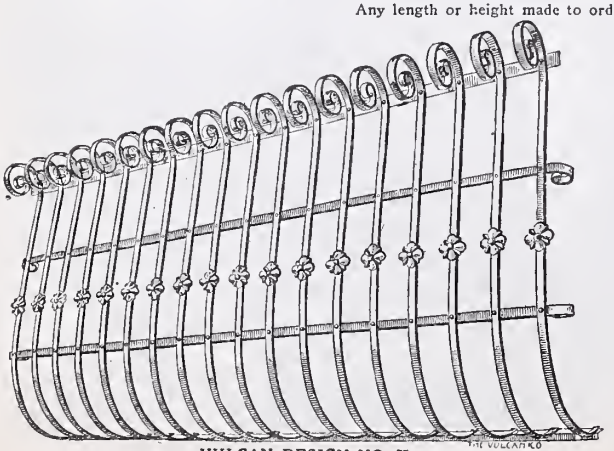
VULCAN DESIGN NO. K-22.

ORNAMENTAL "SWELL BODY" WROUGHT IRON WINDOW GUARD.

Particularly adapted for banks and office windows. Uprights are usually ⅝ in. or ¾ in. square. Fastenings at ends can be shaped to meet all conditions. Special price in quantities.

	⅝ in. Uprights	¾-in. Uprights
Price—36 in. high, per lineal foot	$4 50	$5 00
Price—42 in. high, per lineal foot	5 00	5 50

Any length or height made to order.



VULCAN DESIGN NO. K—23.

VULCAN DESIGN NO. K—23.

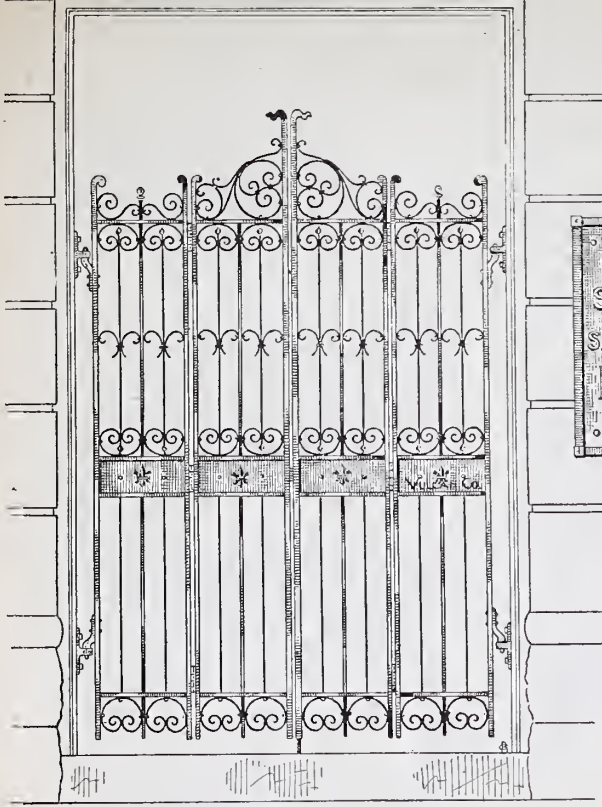
ORNAMENTAL WROUGHT STEEL WINDOW GUARD. SWELL BODY.

Suitable for bank, office and store windows. Usually made of 1x3/16 in. or 1x¼ in. uprights, with suitable angle and flat steel cross bars. Ends can be arranged to fasten to any shape casing. Send sketch showing sectional view of wall and casing, and position guard will occupy, when writing for prices.

Price, 36 in. high, per lineal foot ...$3 00
Price, 42 in. high, per lineal foot ... 3 50

Made any height or length. Special price in quantities.

Heavier materials in either of the above designs for very massive surroundings quoted on application.



DESIGN NO. C—12.

ORNAMENTAL ENTRANCE GATES FOR BANK OR OFFICE BUILDING.

These Gates are built entirely of wrought iron, and are very substantial and artistic. The above design shows a double leaf gate, one leaf folding back on the other, so as to take up very little space when open. They are locked with a locking bar and Yale pad lock extending across center of gate. We can make these to fit any size or shape opening and meet the varying conditions. When writing for prices give full particulars, so we can figure understandingly.

Approximate price for above gate complete, finished black, size about 4 feet 6 inches wide by 7 feet extreme height.....$125 00

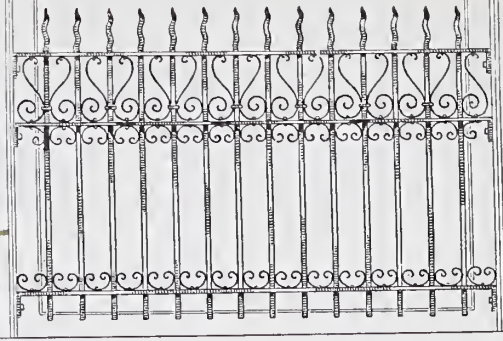
DESIGN NO. C—13.

METAL BANK AND OFFICE SIGN.

This design can be made any shape or size. We usually make them of standard bronze material. The background is finished in dark or antique bronze and letters are raised and polished on face. Bronze bolts are furnished to secure it against the wall. When writing for prices, please state what size you desire and exact lettering on each.

Approximate price of a sign as above shown, size about 30 inches by 18 inches, bronze.....$65 00 to $70 00

If you do not see what you want, send particulars and we will submit special sketches.



DESIGN NO. C—14.

WROUGHT IRON WINDOW GUARD FOR BANK AND OFFICE WINDOWS.

This artistic design is intended for protecting windows facing the street and answers a double purpose by keeping loafers off the window sills. Can be made any height or length. Usual height is 36 inches. Uprights are ⅝ inch square. Painted black.

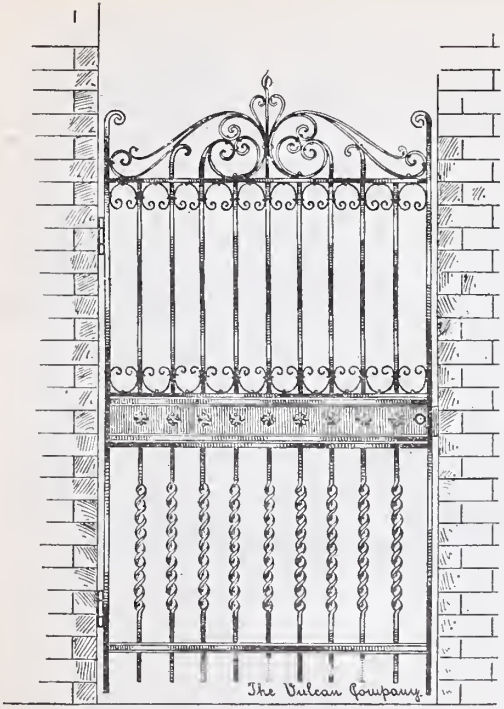
Price, per running foot, 36 inches high...$3 00

Send memorandum of sizes desired for special net price.

Manner of attaching may suit conditions.

Heavier materials can be used for very massive surroundings.

We will be pleased to enter into correspondence with prospective customers and submit special designs whenever required. We can furnish plain or elaborate work and guarantee workmanship and finish as the very best, and prices reasonable.



VULCAN DESIGN NO. K—31.

ORNAMENTAL WROUGHT IRON GATES FOR BANK OR OFFICE BUILDING.

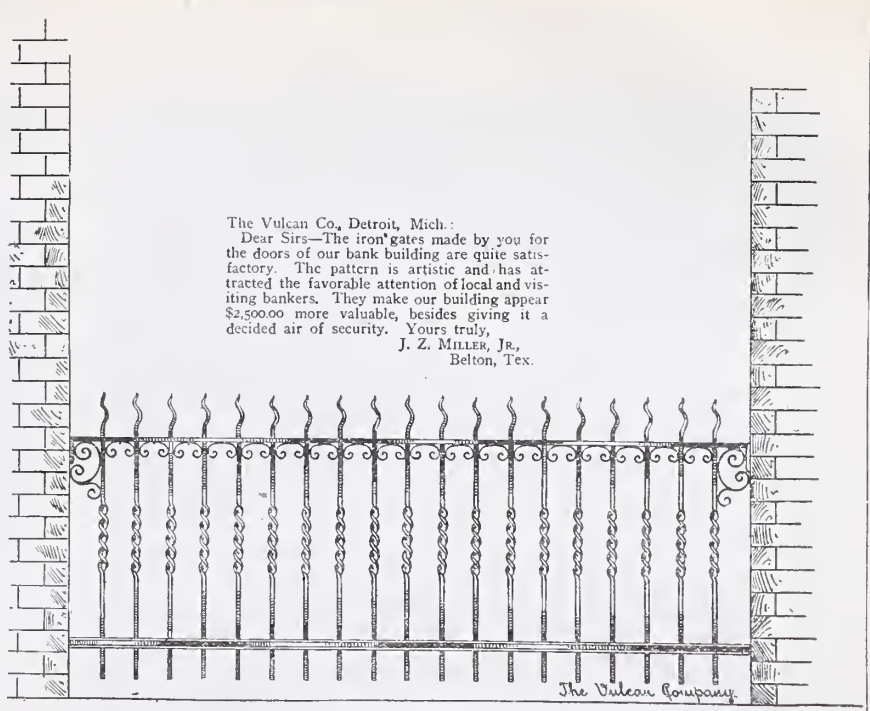
These gates can be made to fit any size or shape opening desired. Can be locked with dead lock or hasp and padlock. For openings 4 feet wide or wider double gates are generally used.

When writing for net prices, give full particulars, so we can figure understandingly.

The Vulcan Co., Detroit, Mich.:

Dear Sirs—The iron gates made by you for the doors of our bank building are quite satisfactory. The pattern is artistic and has attracted the favorable attention of local and visiting bankers. They make our building appear $2,500.00 more valuable, besides giving it a decided air of security. Yours truly,

J. Z. Miller, Jr.,
Belton, Tex.



VULCAN DESIGN NO. K—32.

ORNAMENTAL WROUGHT IRON WINDOW GUARD FOR BANK OR OFFICE WINDOWS.

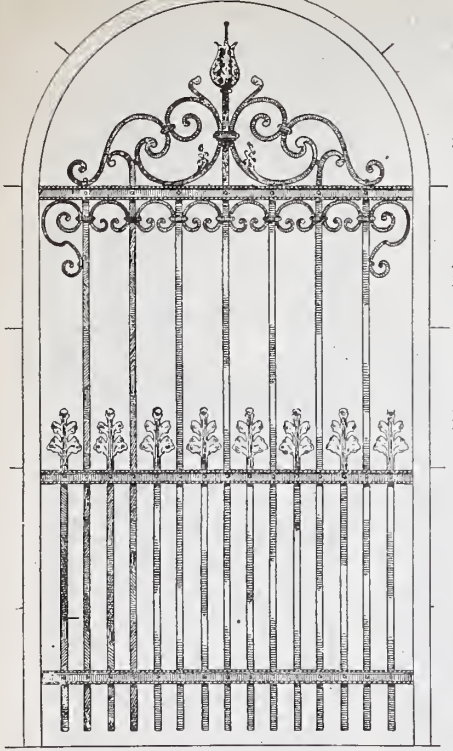
This attractive design is intended to protect large plate glass windows located near sidewalk. Can be made any length or height. Upright usually of 5/8 x 3/8, with forged tongue ends. Painted black.

Price, 36 inches high, per running foot..... .....$2 00

Heavier materials can be used, if desired. Ends of cross bars can be arranged to fasten in place in any way desired.

If you do not see what you want in this catalog please write us, giving particulars. We can make anything you may desire. All our work is made in a thoroughly substantial and artistic manner.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

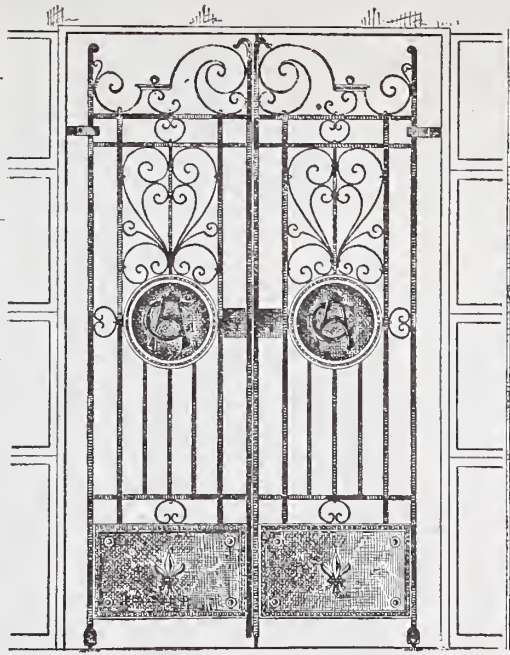


DESIGN NO. C—15.

ORNAMENTAL FORGED IRON WINDOW GUARD.

This design is intended for massive surroundings, and where something elaborate is desired

Uprights are usually of ¾ in. square or heavier. Cross-bars are wrought iron with beaded mouldings. All scrolls are of heavy material and forged by hand. Ornamental terminals of short pickets, tulip in centre, are hammered leaf work. Send memo. of sizes when writing for prices

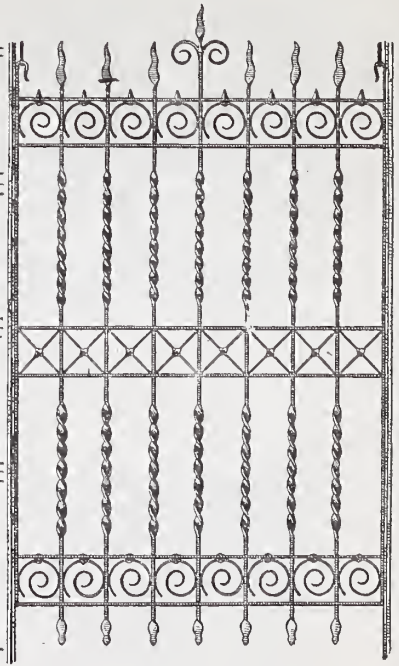


DESIGN NO. C—16.

ORNAMENTAL ENTRANCE GATES FOR OFFICE AND BANK BUILDINGS.

Made to fit any opening. Made entirely of wrought iron and finished black. Suitable hinges to meet all conditions. Locked with hasp and padlock, or dead lock. Where these or similar gates sit between columns or other irregular lines, separate stationary ornamental hinge panels or bars can be used with handsome effect.

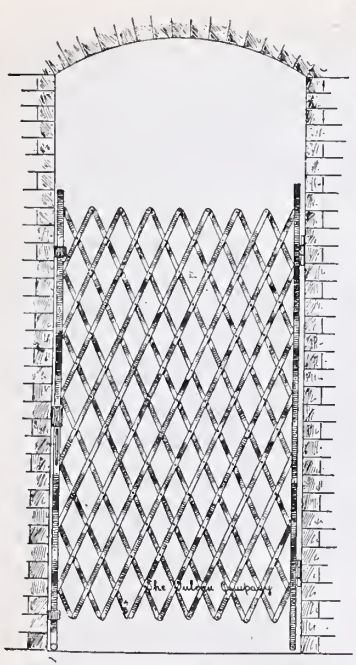
Always send particulars when writing for prices, so we can figure underatandingly



DESIGN NO. C—17.

We usually finish this work with two coats of best grade special graphite paint, and occasional repainting will keep them in fine condition permanently.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULCAN DESIGN NO. K—33.

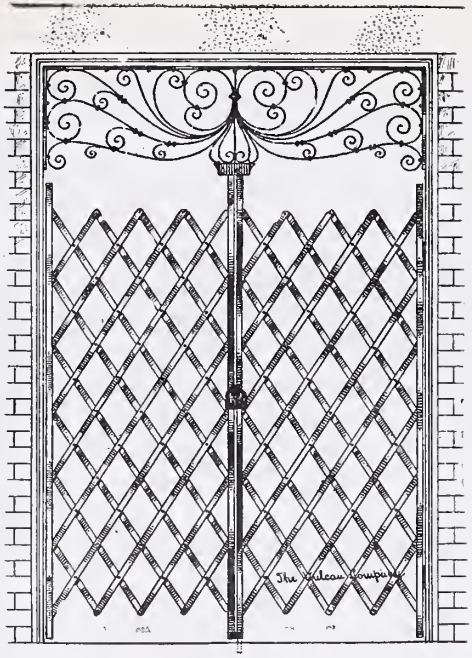
SINGLE COLLAPSING OR FOLDING GATE.

This gate is intended for openings where an inexpensive folding gate is desired.

Made to fit any size opening.

Price, per square foot, including all fittings ready to hang in place. Painted black $1 25

Usually made to collapse and then swing back out of the way. Usually locked with Yale padlock

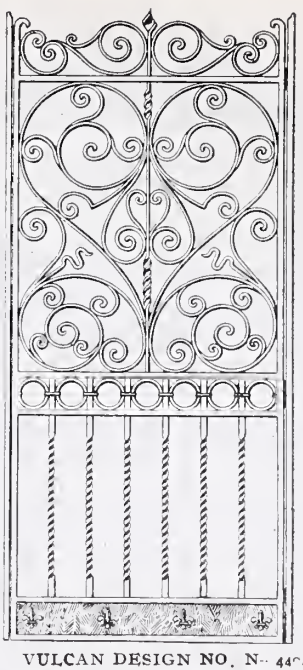


VULCAN DESIGN NO. K—34.

DOUBLE COLLAPSING OR FOLDING GATES

Above illustration shows a low priced collapsing double gate of the ordinary scissors style, with ornamental forged iron grill at top. Gates are usually arranged to fold together and swing back out of the way. When closed one gate has slide bolt at bottom and top sets in pocket as shown, and both are locked together with Yale padlock. Design of grill can be changed to suit any size or shape opening. We fit it complete ready to set in place. Usually painted black.

Price, per square foot.....$1 25



VULCAN DESIGN NO. N- 44[illegible].

ORNAMENTAL ENTRANCE GATES FOR OFFICE AND BANK BUILDINGS.

Made to fit any opening. Made entirely of wrought iron and finished black. Suitable hinges to meet all conditions. Locked with hasp and padlock, or dead lock. Where these or similar gates set between columns or other irregular lines, separate stationary ornamental hinge panels or bars can be used with handsome effect.

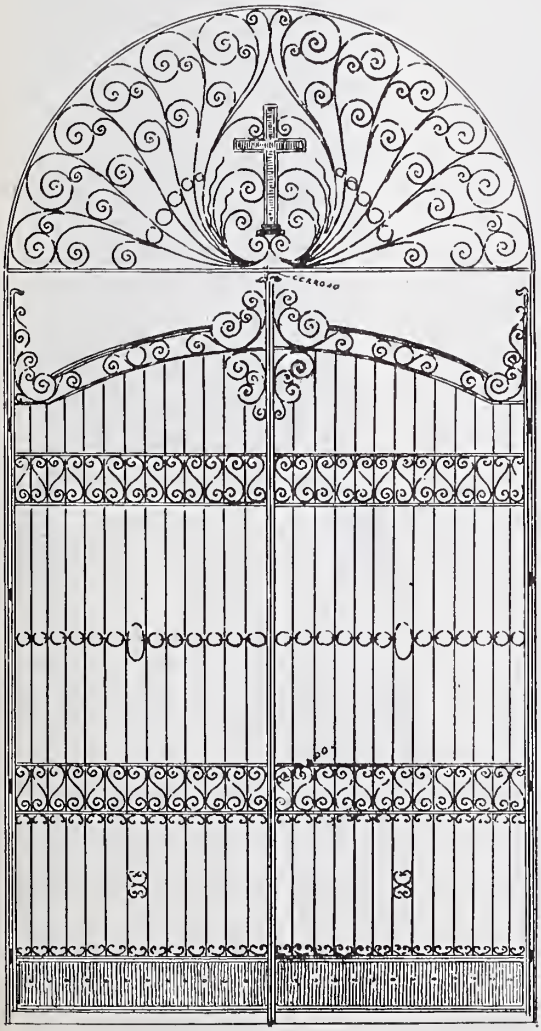
Always send particulars when writing for prices, so we can figure understandingly.

We usually finish this work with two coats of best grade special graphite paint, and occasional repainting will keep them in fine condition permanently.

Send sketch of opening to be fitted. If openings are high, we usually furnish a stationary ornamental wrought iron grill to fill space above the height of gate (gates are usually made 6 to 7 feet high.)

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

ARTISTIC FORGED IRON WORK.



VULCAN DESIGN NO. N—441.

This illustration shows a pair of ornate wrought iron Gates and stationary transom made for Entrance to Building.

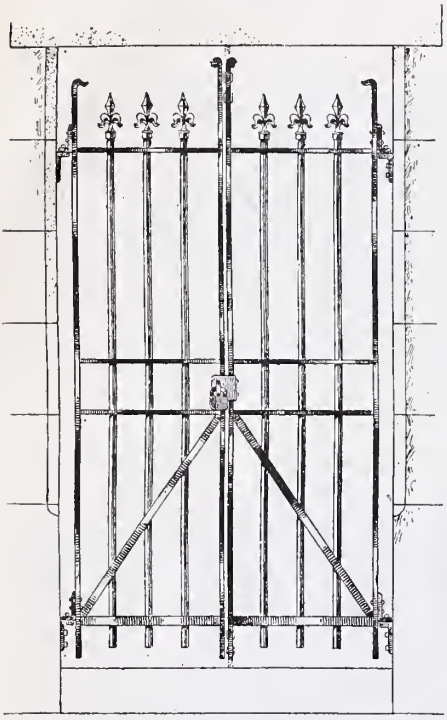
We can make this class of work in a large variety of designs and weights of materials, embodying such special features as may be desired in the way of Monograms, Emblems, Initials, etc.

Full particulars are necessary in order to figure this class of work. We can submit appropriate designs upon receipt of sketch of opening to be filled.

Architects designs given careful attention, and details and instructions will be conscientiously followed.

We make all classes of Ornate Iron Work, and our catalog is merely indicative of the general line of work we do. We are not at all confined to catalog illustrations.

All our work is made in a thoroughly workmanlike manner by competent mechanics trained in this line. We aim to make a better class of work than the average.



VULCAN DESIGN NO. K—38.

WROUGHT IRON GATES.

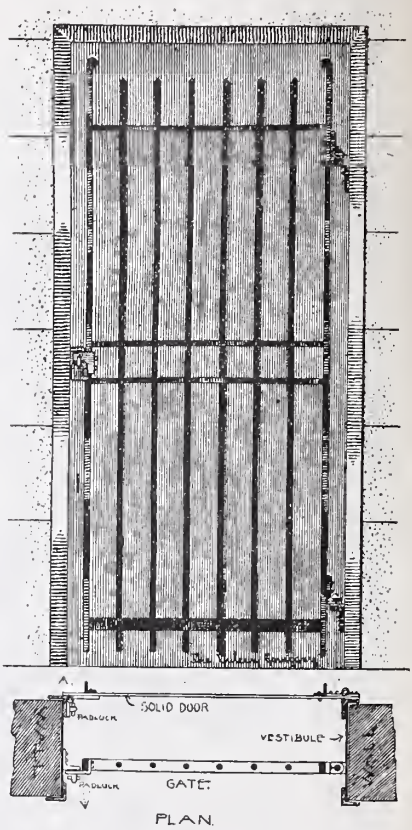
Usually made of ⅝ inch square uprights set on the diamond. Ornamental malleable spear head terminals. Crossbars and Stiles of substantial size. Forged hinges, hasp, staple and Yale padlock. Top and bottom shooting bolt. Complete ready to hang in place. Painted two coats best black.

Usual size, about 3 feet 6 in. x 7 feet high.
Price $45 00

Same as above, made with ⅝ inch diameter round uprights, and different picket heads. Price..... $40 00

Can be fitted with our special Heavy Dead Lock, if desired, costing $5.00 additional.

These Gates are made to order only, and can be made to fit any size or shape opening.



VULCAN DESIGN NO. K—39.

COMBINATION SOLID DOOR, GATE AND VESTIBULE.

Above illustration shows a combination of a solid Steel Plate Door, and Wrought Iron Gate fitted complete and set in a Steel Vestibule. The vestibule can be made any depth to accommodate any thickness of wall. Made to order any size.

Usual specifications as follows:

Vestibule is formed of ⅛ in. steel plates at top and sides, securely riveted to 2½ in. or 3 in. angles.

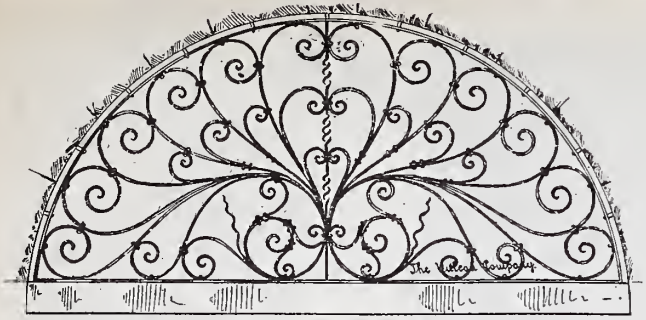
Door is made of 3/16 in. steel plate, re-enforced with 1½ in. angle steel bars on inside. Substantial forged hinges and heavy forged hasp and padlock—(Yale).

Gate is usually made of ⅝ in. diameter uprights set 4 in. on centers, with substantial crossbars and stiles. Heavy forged hinges, hasp and Yale padlock. Finish, two coats best black. Price for complete set as above, usual size about 6 ft. 6 in. high x 3 feet wide..... $90.00

Other sizes in proportion. For openings over 3 ft. 6 in. wide, double gates and doors are usually used. Dead locks can be placed on gate and door, costing extra.

Especially adapted for cement cemetery vaults.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULCAN DESIGN NO. K—50.

ORNAMENTAL WROUGHT IRON GRILL.

Price on application. Always send sketch and size of opening. State if surroundings are massive. Size of materials depends on size of grill and character of surroundings.

VULCAN DESIGN NO. K—51.

ORNAMENTAL TRANSOM GRILL.

Price on application.

The Vulcan Co. Detroit, Mich.:
Dear Sirs—Enclosed please find check for grill, which I received in good order and is very satisfactory.
Thanking you for your favor, I remain,
Respectfully, R. B. Flesch,
Springfield, Ill

VULCAN DESIGN NO. K—52.

ORNAMENTAL TRANSOM GRILL.

Price on application.

VULCAN DESIGN NO. K—53.

ORNAMENTAL TRANSOM GRILL.

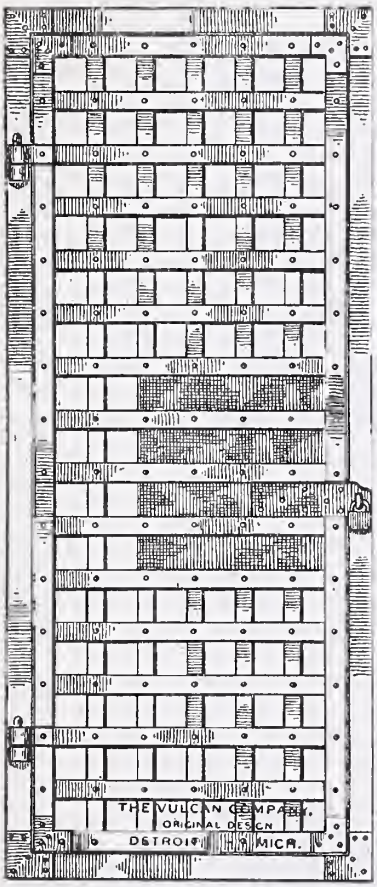
Price on application.

The above four designs are neat standard patterns for public building entrance transoms. We can submit **SPECIAL SKETCHES** at any time for similar work to fit any size or shape opening. Send us a sketch of opening, giving the size and shape, and we will make an appropriate design. If name is desired state what is wanted and give us full particulars, so we can figure understandingly.

All our work is made in a thoroughly artistic manner, and as most of the value of such work lies in the labor put into it, quality should be given serious attention when comparing prices.

JAIL WORK.

Well made, and thoroughly substantial work is what we make.

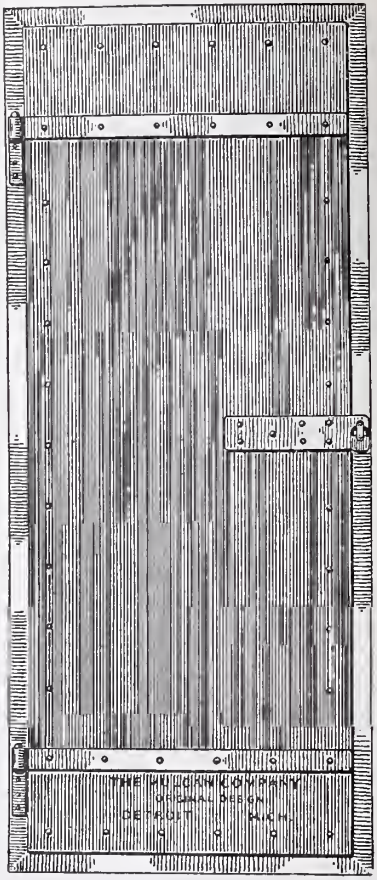


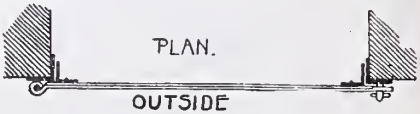
DESIGN NO. C—96.

HEAVY STEEL LATTICE JAIL DOOR.

Made to fit any size opening.

REGULAR SPECIFICATIONS: Steel Bars 1½ in. x 5/16 in., spaces about 4½ inches square. 2 in. x 2 in. x ¼ in. angle steel frames into which lattice is riveted. Forged binges. Heavy wrought hasp and staple. Yale jail padlock. Steel armor plate around basp as ebown. Separate angle frame all around, usually wider and heavier than frame to lattice work.





DESIGN NO C—97.

HEAVY STEEL PLATE JAIL DOOR.

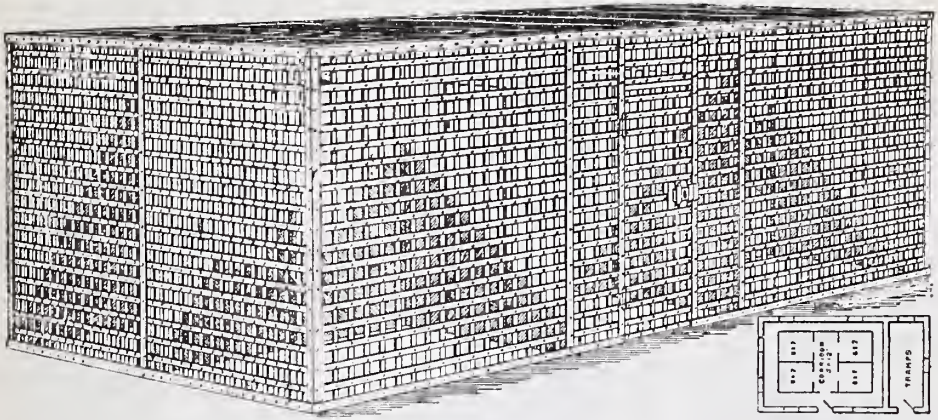
Made to fit any size opening.

REGULAR SPECIFICATIONS. Steel plate 5/16 in. or ¼ in. thick, securely riveted to 2 in. x 2 in. x ¼ in. angle steel frame. Extra beavy forged hinges, hasp and staple to lock with Yale padlock Separate angle steel frame all around, usually wider and beavier than frame on plate.

Prices on receipt of particulars. Can be fitted witb heavy tumbler lock instead of padlock, costing more.

These illustrations show the style of doors generally used for entrance to cell room or jail building. They can be made beavier or lighter than above mentioned specifications, as occasion demands. Doors can he fitted for outer or inner corner of wall, or set in center of opening. Steel plate doors can be fitted with observation grating so Jailor can see what is going on without opening doors. Correspondence solicited from parties desiring Jail cells and Jail fittings.

STEEL VESTIBULE ENTRANCES WITH PLATE DOOR OUTSIDE AND LATTICE DOOR INSIDE QUOTED UPON APPLICATION.



VULCAN DESIGN NO. K—48.

STEEL LATTICE JAIL CELLS.

Above illustration shows a block of 4 Steel Lattice Jail Cells with corridor. See ground plan. These cells are usually made of 1½ x ¼ inch or 1½ x 3/16 inch steel bars with spaces about 4½ inches square, securely riveted with heavy rivets at all intersections. The frames are formed of 1¾x1¾x3/16 inch steel angles. Roof can be lattice work same as front and sides or solid steel plate. Can be made with steel plate floor if desired or to attach to cement or wood floor. Partitions between cells are usually of steel plate. Lattice work facing corridor. Doors are fitted with our improved Vulcan jump bar lock which affords ample security and is locked with heavy Yale padlock. Corridor door can be fitted same way or have heavy dead lock as may be preferred. Everything is fitted complete at factory and arranged so any ordinary mechanic can set them in place. Each cell can be provided with swinging steel bunk and patented odorless night soil bucket.

We will be pleased to enter into correspondence with towns and villages requiring anything in this line. Can furnish single cells or blocks of 2, 4, 6 or 8 cells, with or without corridor. The lattice jail cell is the best medium priced cell made and has given the best satisfaction. Price quoted on receipt of particulars.

VULCAN DESIGN NO. K—49.

STEEL WINDOW GUARDS.

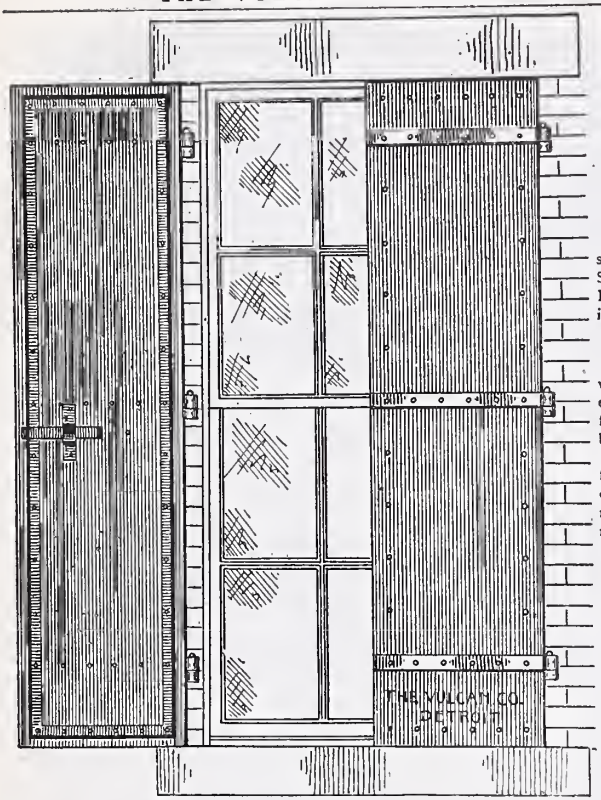
Especially adapted for jails, prisons and other places where an absolute safe guard is wanted. Our illustration shows cross bars built into wall. If the wall is already built and it is impractical to fasten them this way, we can provide other means to secure them in place. Send full particulars when writing for prices as prices vary according to quantity and size.

⅝, ¾, ⅞, 1 inch and heavier round steel uprights are used, with flat steel cross bars to correspond.

WE HAVE FACILITIES FOR PRODUCING THIS CLASS OF WORK AT LOWEST COST.

WRITE FOR PRICES, GIVING SIZES, KIND AND QUANTITY.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULCAN DECIGN NO. N—442

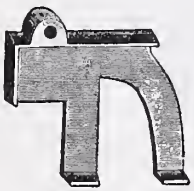
WROUGHT STEEL SHUTTERS.

Usually made of No. 14 steel plate, with substantial angle steel frame on inside, and strap hinges. Slide bolts to lock from inside. We can furnish Expansion Eye Bolts if shutter bricks are not built into wall. See prices below for bolts.

Price, per square foot 75c

Always send memorandum of size of opening so we can name a net price on the entire job. State if eyes are already in the wall or if you desire us to furnish them. Say if window cap or sill projects beyond face of wall.

We can make shutters to slide on track, if preferred that way, and arranged so a number of them can be closed at one time. Sketches and ideas submitted on receipt of particulars. Shutters and doors made of any gauge of plate quoted upon application.

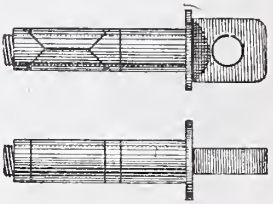


VULCAN DESIGN NO. K—43.

CAST SHUTTER EYE BRICK.

This Shutter Brick is used for building into the wall to hang iron shutters and doors upon.

Price, each 70c



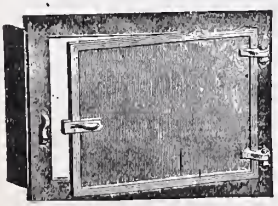
VULCAN DESIGN NO. N—443

EXPANSION BOLT SHUTTER EYE.

This Expansion Bolt Shutter Eye is used where shutter eyes have not been built into the wall. Method of placing these into the wall is very simple; merely drilling hole in wall, inserting bolt and turning same to expand the jacket which will hold it securely in place.

Price, each 60c

Special prices in quantities.



VULCAN DESIGN NO. K—45.

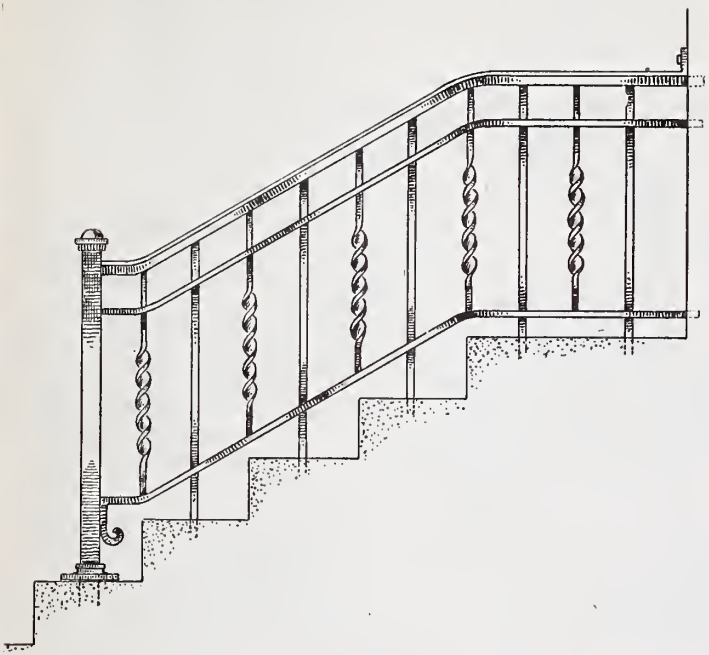
ASH PIT DOOR WITH FRAME.

VULCAN DESIGN NO. K—45.

CAST ASH PIT DOORS AND FRAMES.

Size 8 x 8, each		$0 75
Size 8 x 10, each		85
Size 10 x 12, each		1 00
Size 10 x 14, each		1 25

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



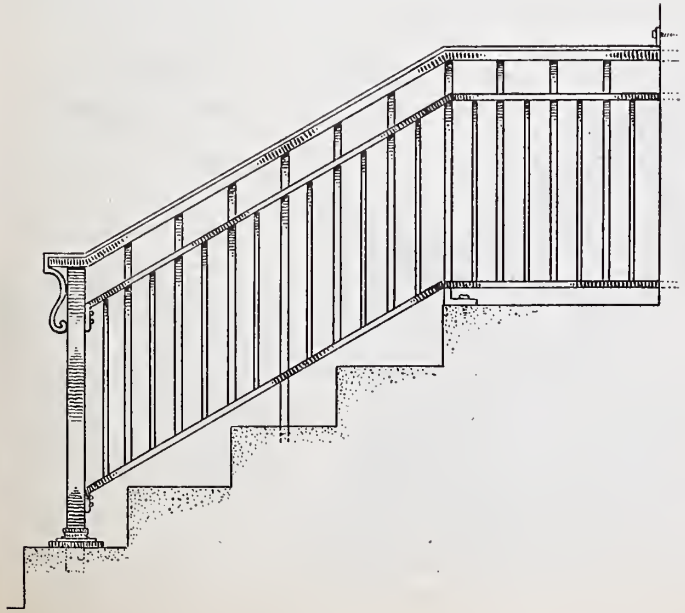
VULCAN DESIGN NO. N—444.

Wrought Iron Railing for Steps.

Painted black. Usually made 30 to 33 in. high.
Price per running foot $2.50

Post extra each.... 3.50

Always send exact particulars when writing for prices, as conditions vary considerably and affect prices.



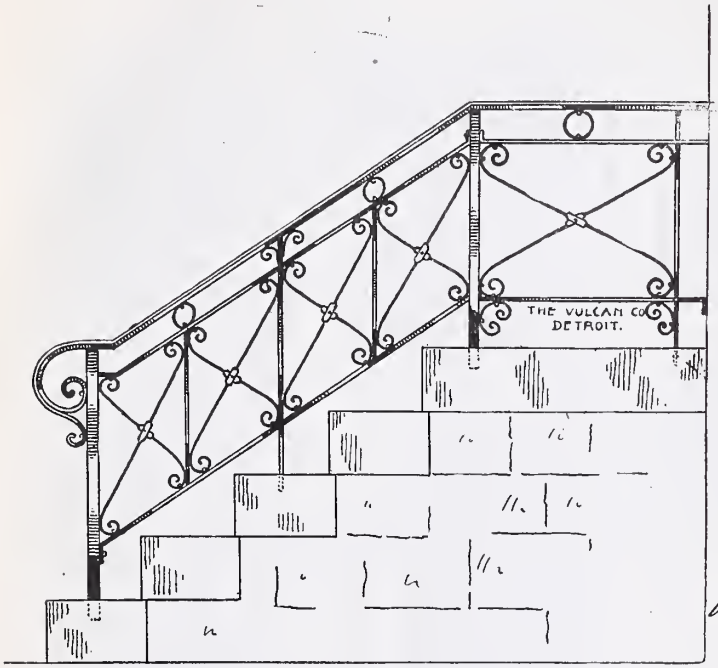
VULCAN DESIGN NO. N—445.

Wrought Iron Railing for Steps.

Painted Black. Usually made 30 to 33 in. high.
Price per running foot.$2.75
Posts extra each..... 3.50

These rails are designed for stone, cement or wood steps. They are made in a substantial manner and are modern and attractive in appearance.

Will be pleased to submit sketch of more ornate work if desired.



DESIGN NO. C—47.

ORNAMENTAL WROUGHT IRON STEP RAILING.

Usually made about 30 inches high.

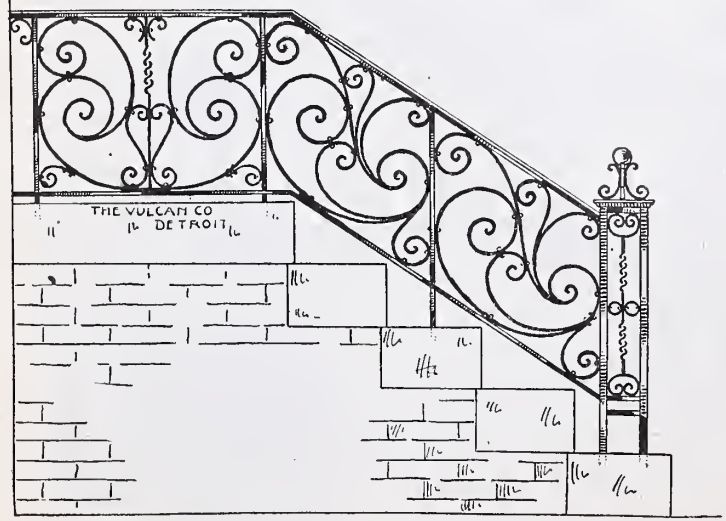
Price, per running foot.....$2 50
Post and Scroll End, each extra... 3 50

Always send full particulars when writing for prices, as small details often effect prices materially.

Usually painted black.

All our work is first class and our prices are right.

Send particulars of what you want



DESIGN NO. C—48.

ORNAMENTAL WROUGHT IRON STEP RAILING.

Usually made about 30 inches high.

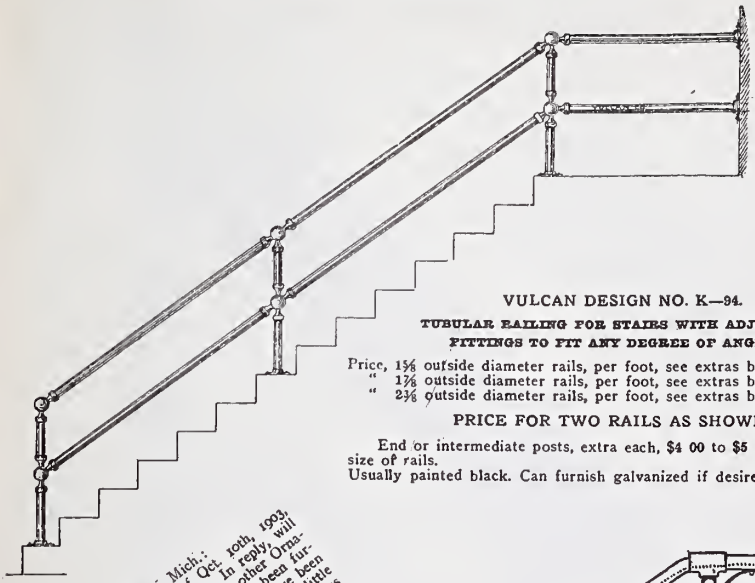
Price, per running foot.....$ 3 50
Wrought Newel Post as shown, each extra..... 12 00

Usually painted black.

Always send rough sketch of steps when writing for prices. State if railing is wanted on one or two sides. State if steps are stone or wood.

We can furnish Iron Steps for these Handrails if desired.

We can make either of the above any desired height.



VULCAN DESIGN NO. K—94.

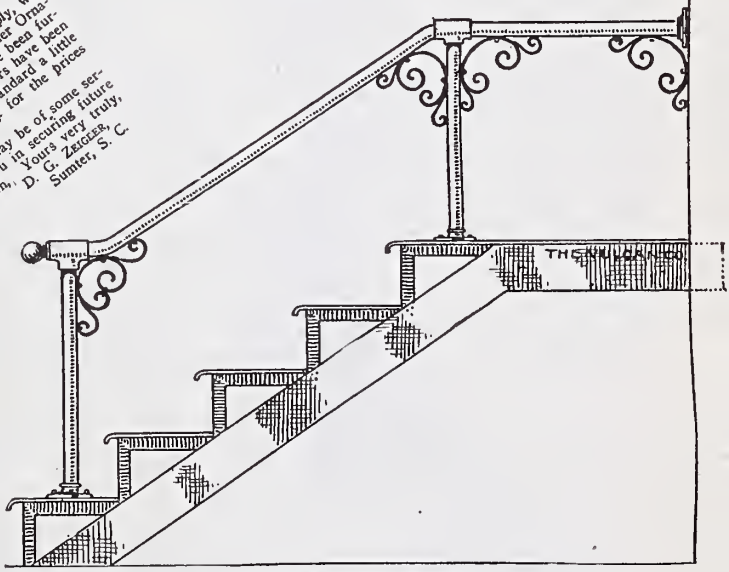
TUBULAR RAILING FOR STAIRS WITH ADJUSTABLE FITTINGS TO FIT ANY DEGREE OF ANGLE.

Price, 1⅝ outside diameter rails, per foot, see extras below.....$ 50
" 1⅞ outside diameter rails, per foot, see extras below..... 70
" 2⅜ outside diameter rails, per foot, see extras below..... 90

PRICE FOR TWO RAILS AS SHOWN.

End or intermediate posts, extra each, $4 00 to $5 00, depending on size of rails.
Usually painted black. Can furnish galvanized if desired, costing more.

The Vulcan Co., Detroit, Mich.:
Gentlemen—Your letter of Oct. 10th, 1903, is received and contents noted. In reply, will state that the Bank Fixtures and other Ornamental Wire Work which you have been furnishing me for the past three years have been entirely satisfactory, and at a standard a little above what I expected to get for the prices paid. Hoping that this letter may be of some service and assistance to you in securing future business, I beg to remain,
Yours very truly,
D. C. ZEIGLER,
Sumter, S. C.



VULCAN DESIGN NO. K—95.

WROUGHT IRON STAIR AND TUBULAR RAILING.

Above illustration represents a wrought iron stair and railing suitable for entrances to factories, stores and flats, where neat but inexpensive work is wanted. The stringers are of 5 x ⅜ inch flat steel. Carriages of angle steel. Treads and platform of non-slippery surface steel plates. Hand railing and post are tubular. Can be made with open or closed risers. Treads and platform can be of wood if desired, costing less. Send diagram when writing for prices and give approximate measurements. State all particulars so as to make it entirely clear to us. Ornamental carriages can be used at extra cost.

These steps are especially adapted where the traffic is heavy, and permanent work is wanted.

VULCAN DESIGN NO. K—91.

ORNAMENTAL WROUGHT IRON STAIRS.

This attractive stair is constructed entirely of wrought iron, excepting the ornamental carriages, which are made of best malleable iron, equal in strength to wrought iron.

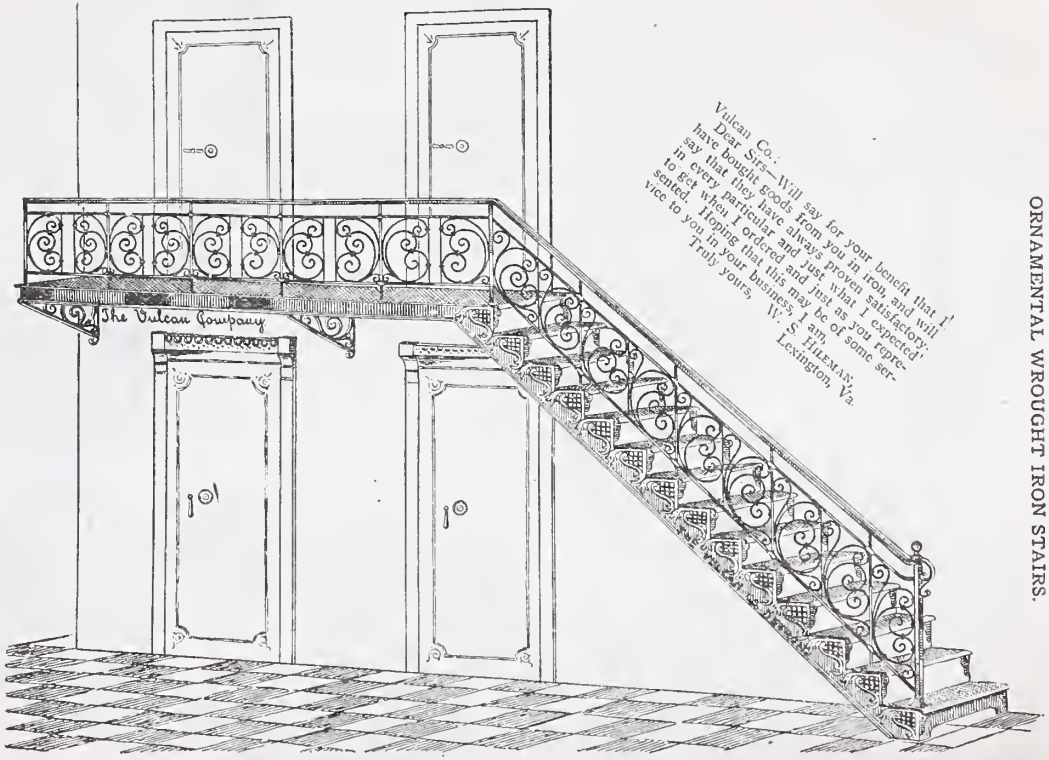
Treads are usually made of Diamond top Neverslip wrought steel plate; solid or half open Risers can be put in if desired; ornamental Handrail is forged in an artistic manner.

Can be made to fit all conditions. We have furnished several of these stairs to Banks for access to 2-story vault, but they are equally suitable for Exterior of Buildings, where a neat, ornamental and substantial stair is desired.

We fit this work complete in our shop, and carefully mark each piece, so they can be reset at destination without any difficulty or the necessity of skilled help.

Always send full particulars when in the market for anything of this kind. See instructions on page 36.

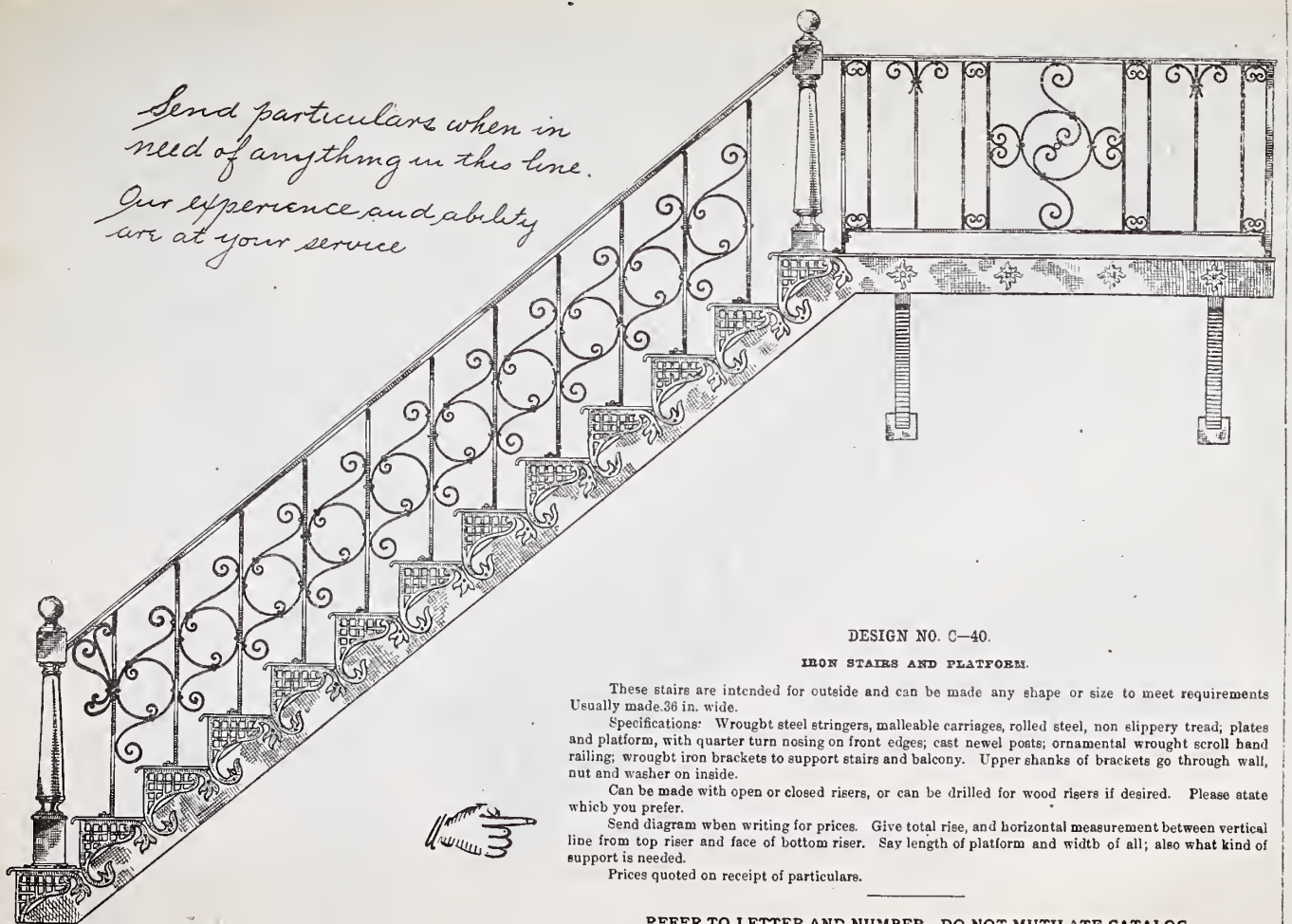
Usually painted black. Can be electroplated in oxidized copper if desired, costing considerably more. Top rail can be polished brass, if desired.



Vulcan Co.:
Dear Sirs—Will say for your benefit that I have bought goods from you in iron, and will say that they have always proven satisfactory. in every particular and just what I expected to get when I ordered and just as you represented. Hoping that this may be of some service to you in your business, I am,
Truly yours, W. S. HILEMAN.
Lexington, Va.

Send particulars when in need of anything in this line.

Our experience and ability are at your service



DESIGN NO. C—40.

IRON STAIRS AND PLATFORM.

These stairs are intended for outside and can be made any shape or size to meet requirements Usually made.36 in. wide.

Specifications: Wrougbt steel stringers, malleable carriages, rolled steel, non slippery tread, plates and platform, with quarter turn nosing on front edges; cast newel posts; ornamental wrought scroll hand railing; wrougbt iron brackets to support stairs and balcony. Upper shanks of brackets go through wall, nut and washer on inside.

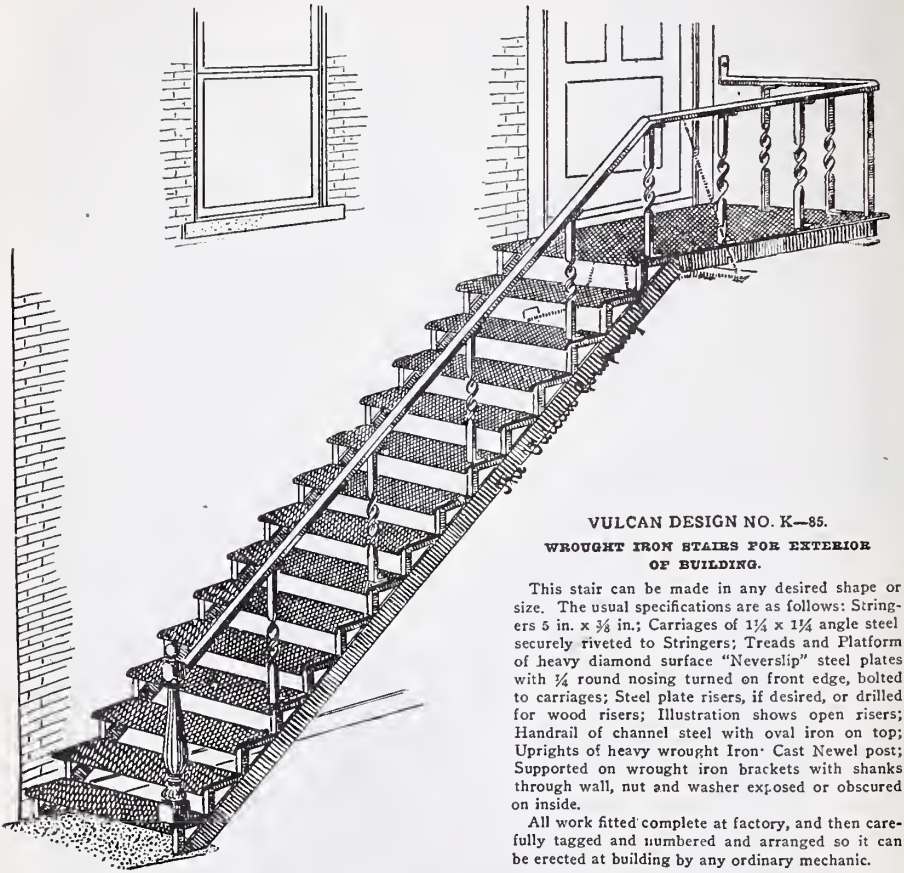
Can be made with open or closed risers, or can be drilled for wood risers if desired. Please state which you prefer.

Send diagram when writing for prices. Give total rise, and horizontal measurement between vertical line from top riser and face of bottom riser. Say length of platform and width of all; also what kind of support is needed.

Prices quoted on receipt of particulars.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG

WROUGHT IRON STAIRS FOR EXTERIOR OF BUILDING.



VULCAN DESIGN NO. K—85.

WROUGHT IRON STAIRS FOR EXTERIOR OF BUILDING.

This stair can be made in any desired shape or size. The usual specifications are as follows: Stringers 5 in. x ⅜ in.; Carriages of 1¼ x 1¼ angle steel securely riveted to Stringers; Treads and Platform of heavy diamond surface "Neverslip" steel plates with ¼ round nosing turned on front edge, bolted to carriages; Steel plate risers, if desired, or drilled for wood risers; Illustration shows open risers; Handrail of channel steel with oval iron on top; Uprights of heavy wrought Iron· Cast Newel post; Supported on wrought iron brackets with shanks through wall, nut and washer exposed or obscured on inside.

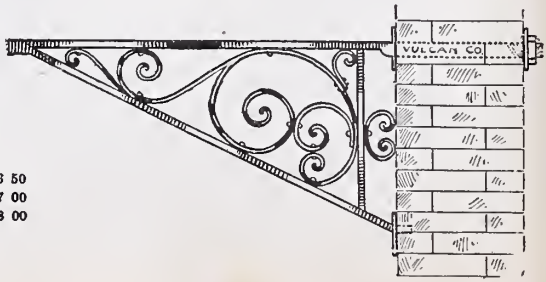
All work fitted complete at factory, and then carefully tagged and numbered and arranged so it can be erected at building by any ordinary mechanic.

INSTRUCTIONS.

When writing for prices, send diagram showing vertical height from ground to top of platform, give length of platform wanted, width of stairs and platform, thickness of wall, also total horizontal run of stairs exclusive of platform. A step with about 7 in. rise and 10 in. or 11 in. run makes an easy stair. We will make sketch showing what we consider the best arrangement for your case.

We make a great many of these stairs, and they are giving universal satisfaction. They are neat and trim in appearance, and practically indestructible.

More ornamental handrail can be substituted if desired.

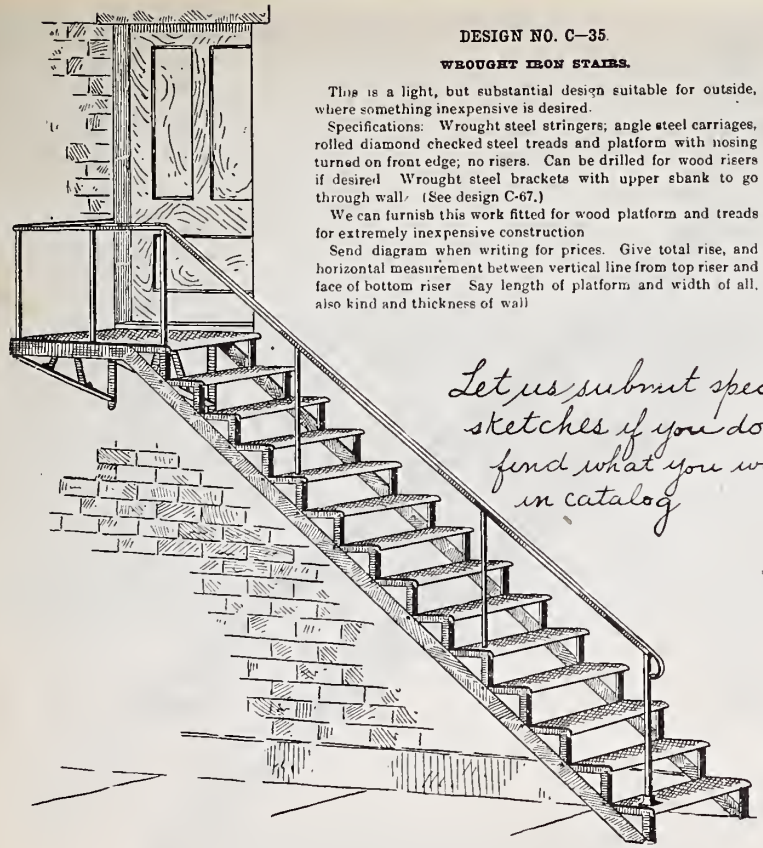


VULCAN DESIGN NO. K—86.

HEAVY WROUGHT STEEL BRACKET WITH SHANK TO GO THROUGH WALL.

Nut and Washer, complete.

Price, 36 inches long, each	$6 50
" 42 inches long, each	7 00
" 48 inches long, each	8 00



DESIGN NO. C—35.

WROUGHT IRON STAIRS.

This is a light, but substantial design suitable for outside, where something inexpensive is desired.

Specifications: Wrought steel stringers; angle steel carriages, rolled diamond checked steel treads and platform with nosing turned on front edge; no risers. Can be drilled for wood risers if desired. Wrought steel brackets with upper shank to go through wall. (See design C-67.)

We can furnish this work fitted for wood platform and treads for extremely inexpensive construction.

Send diagram when writing for prices. Give total rise, and horizontal measurement between vertical line from top riser and face of bottom riser. Say length of platform and width of all, also kind and thickness of wall.

Let us submit special sketches if you do not find what you want in catalog

DESIGN NO. C—36.

ORNAMENTAL WROUGHT IRON GRILLE.

Suitable for basement windows.

Prices depend on sizes and quantity desired. Send memorandum of sizes when writing for prices. Give general idea of kind of building.

This merely indicates one of the many possibilities in wrought iron. We will be pleased to submit special designs when desired.

DESIGN NO. C—37.

DISCOMFORTERS OR LOAFER POINTS.

Can be attached to window sill to prevent loafers from sitting down.

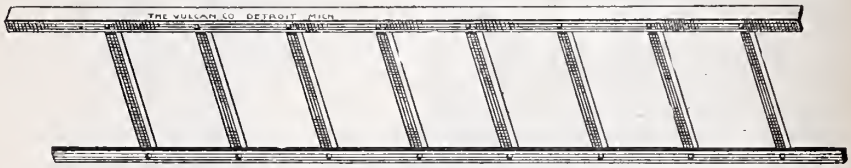
Price per foot, painted and drilled ..... $ 20

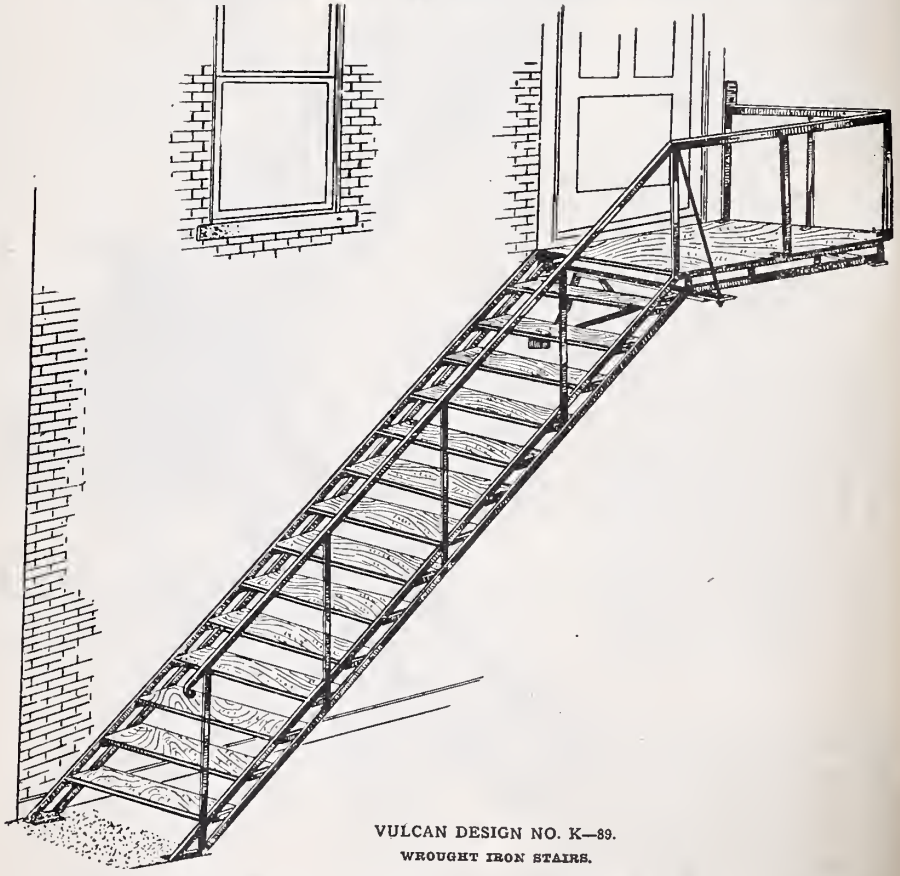
REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

WROUGHT IRON STAIRS.

VULCAN DESIGN NO. K—293.
Wrought Iron Ladder.

This ladder is usually made of angle iron uprights and rungs. Usually 18 inches wide.
Price, per foot..... 85c

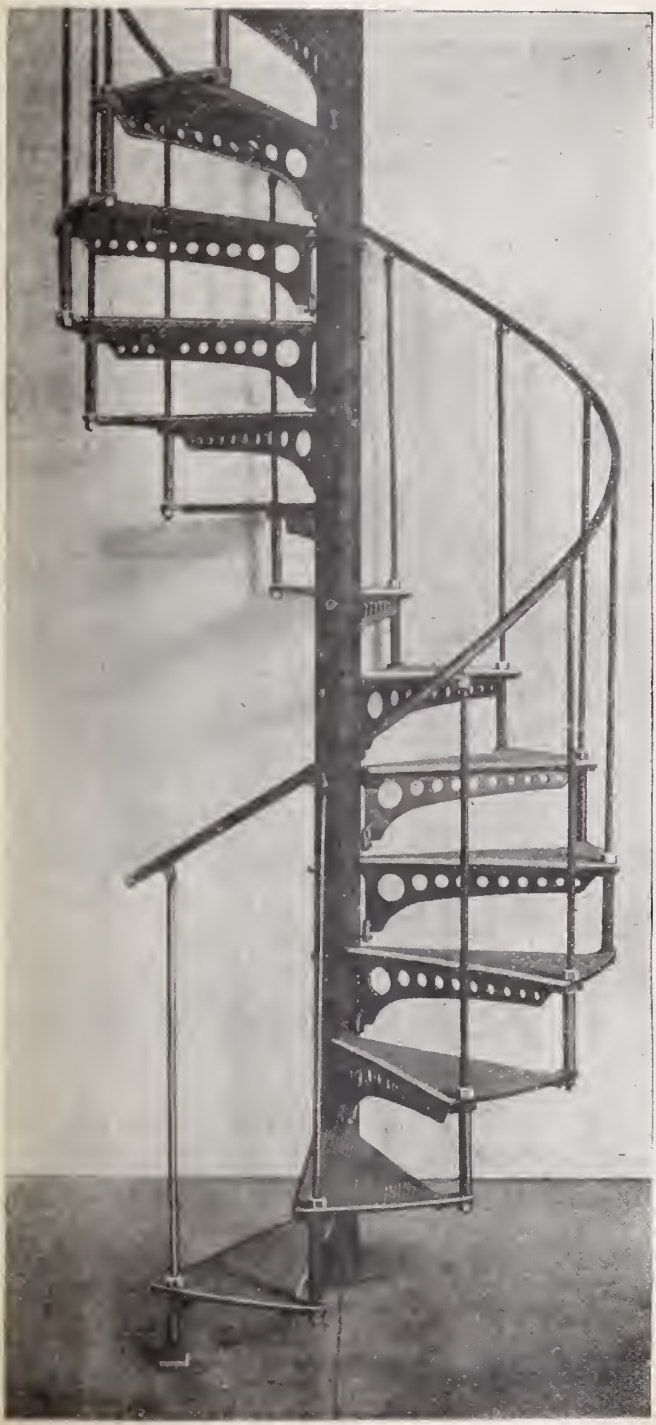




VULCAN DESIGN NO. K—89.
WROUGHT IRON STAIRS.

This stairway is designed to meet a demand for a neat, light, but strong stair at a low price. Illustration shows stair fitted with wood treads and platform, the wood-work being usually supplied by purchaser. We furnish all the metal work complete and fitted ready to set in place and receive the wood treads and platform. If desired, we can fit this stair with wrought steel diamond surface "Neverslip" treads and platform.

When writing for prices send full particulars. See instructions. Full specifications will be given with estimate.



Spiral Stairs

DESIGN NO. S—446.

Spiral Stairs.

These stairs can be made any width or height. The usual diameter is from 4 to 5 feet. Risers and Treads are gray iron, balance all wrought iron.

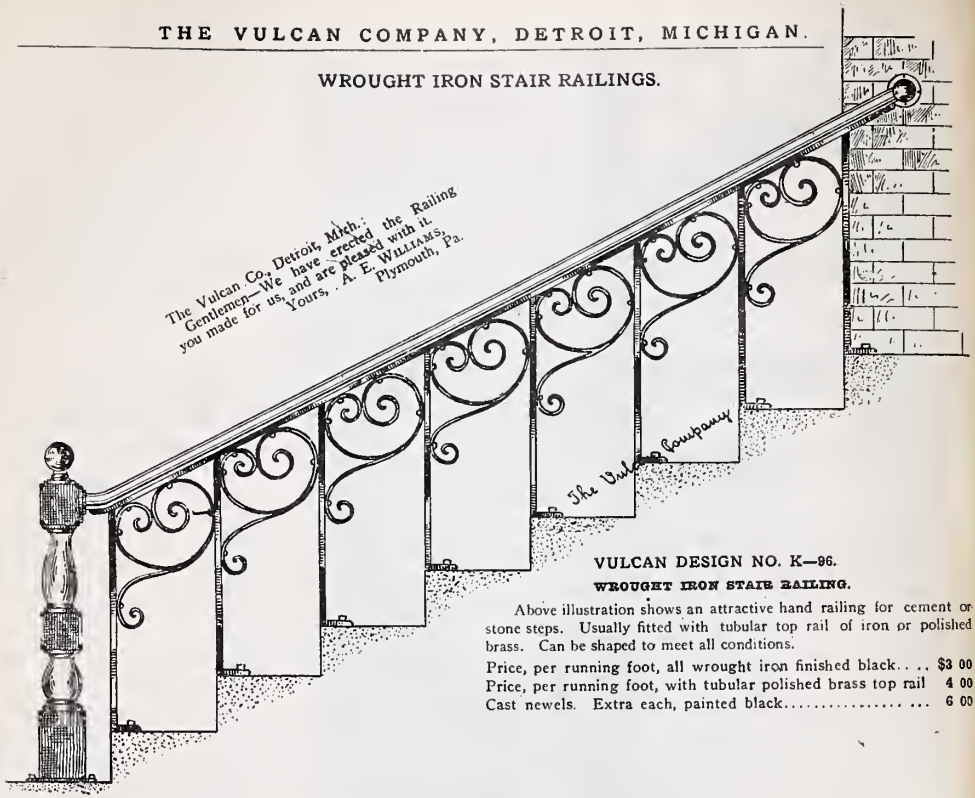
This stair is very neat and trim in appearance and thoroughly substantial.

When writing for prices state what diameter is desired and height from floor to floor. Also send plan showing how stair will start at top and relative position of well hole and walls, so we can figure on the necessary railing around well hole.

Stair is put together complete at shop, then marked and taken apart so as to ship "knock down" at lowest freight rate. The assembling at destination is a very simple matter, and can be accomplished with ordinary tools and help.

Prices quoted on receipt of particulars.

WROUGHT IRON STAIR RAILINGS.

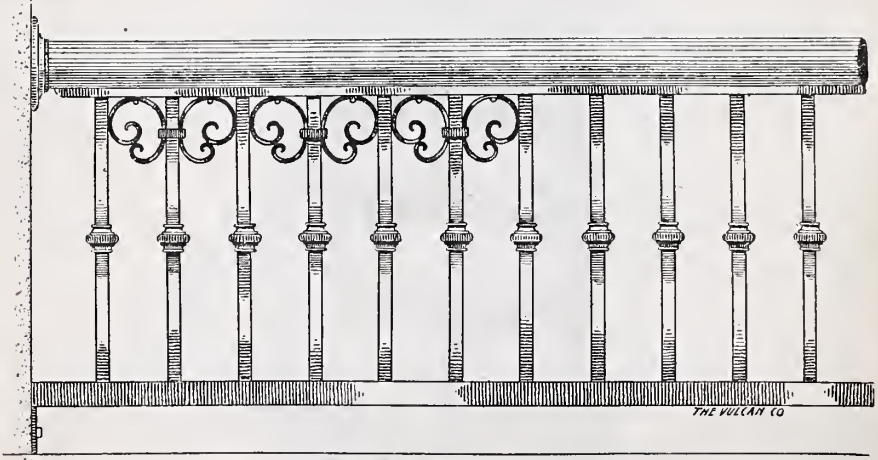

The Vulcan Co., Detroit, Mich.:
Gentlemen—We have erected the Railing you made for us, and are pleased with it.
Yours, A. E. WILLIAMS,
Plymouth, Pa.

VULCAN DESIGN NO. K—96.

WROUGHT IRON STAIR RAILING.

Above illustration shows an attractive hand railing for cement or stone steps. Usually fitted with tubular top rail of iron or polished brass. Can be shaped to meet all conditions.

Price, per running foot, all wrought iron finished black..... $3 00
Price, per running foot, with tubular polished brass top rail 4 00
Cast newels. Extra each, painted black..... 6 00



VULCAN DESIGN NO. K—97.

EXTRA HEAVY WROUGHT IRON RAILING.

Suitable for Verandas to set between columns or other places where a heavy, substantial rail is needed. Uprights are usually ¾ inch square, Handrail about 3 inch diameter.

Price per running foot, about 30 inches high..... $4 00

Send particulars for net price. Can also be made lighter, costing less.

This work can be duplex copper plated, costing more.

FIRE ESCAPES

Factories, Stores, Apartment Houses, Schools, Public Buildings, Public Halls, Hotels, Dormitories, Colleges, Asylums, Etc.

Plans and specifications furnished to meet all requirements of state regulations.

READ CAREFULLY

WE make a specialty of Fire Escapes, Stairs, Ladders, Balconies, and Plain and Ornamental Railings for Balconies, and our illustrations show a number of the ordinary styles of construction.

Inasmuch as conditions vary greatly in different cases, we give but few prices on complete escapes, preferring to give advice, plans, specifications, and sketches upon receipt of such particulars as will enable us to figure understandingly in each case. When writing for prices make a rough pencil sketch showing an outline of the work desired. State length of balconies, height from floor to floor, height from top floor to roof, and from grade to second floor. Explain about water tables, conductor pipes, window sills and caps, cornice and other projections from wall line (if any there be) that will need clearance. State what kind of a building the escape is intended for, kind and thickness of wall where bracket shanks go through, and whether nut and washer shall be obscured or exposed on inside of wall. Let us know whether work is simply for utility, or ornamentation a desired feature. Other minor details can be brought out in correspondence.

We can place any of the more ornate railings illustrated on escape balconies, where artistic appearance is desired; or we will, upon request, prepare special sketches elaborating particular work wanted, upon receipt of guiding suggestions

All our escapes are constructed in a first-class, substantial manner, and are *set up and fitted complete in our factory.* The work is then taken apart in flat sections so as to ship at low freight rates to any part of the country. We give full instructions for putting up our escapes, and constructions have features of adjustment at all possible points, so that practical variations in walls may be overcome, and no skilled help required in its erection.

All work is given one coat good paint in our shops, and should receive at least another coat after erection. And we urge upon our patrons the economy of keeping ALL exposed architectural metal work well painted continuously. How frequently we see costly metal work on buildings actually becoming ruined on account of this neglect—especially is this so when work is located in alleys or other obscure places.

We can make any style or construction of escape that may be necessary to meet state or municipal requirements, and estimates will be promptly made.

We have shipped hundreds of Fire Escapes all over the U. S. and our customers have frequently commented on the simplicity and ease in erecting our escapes. We make this a study; put all the work together in shop, and mark it plainly, so you will positively have no trouble in erecting by following a few simple directions. The features of adjustment given the work under our methods allow for the greatest practical variations in setting the various parts. This point can be more fully explained when we have particulars in each case.

FIRE ESCAPE BUILDERS.

VULCAN DESIGN

NO. N—447.

This illustration shows a series of all Wrought Iron Stairway Fire Escape, as erected by us on the opera house in Plattsburg, N. Y. These stairs and platforms and all other parts were wrought iron. Treads of stairs and floors of platforms were diamond surface "never slip" steel.

There is a stairway for each exit, one to gallery, one to balcony and one to parquet. The latter was 5 feet wide. Balcony 4 feet wide. Gallery 3 feet wide.

We will be pleased to correspond with parties desiring work in this line, and submit complete details and specifications upon receipt of information that will enable us to figue understandingly.

This forms a good escape for theatres, opera houses, schools, colleges, assembly halls, etc. etc., where in case of fire a large number of persons must be taken care of instantly.

VULCAN DESIGN NO. N—448.

Photo of Fire Escape Erected by Us for Opera House at Hancock, Mich.

This shows a very efficient Fire Escape permitting exit of a large number of people at one time. The entire construction is wrought iron. Upper balcony 3 feet wide, other balconies 6 feet wide, stairs 3 feet wide. Diamond top rolled steel stair treads and platforms. Wrought stringers and angle carriages. Ornamental wrought iron hand rail. We will be pleased to submit complete specifications for similar work to meet all conditions.

VULCAN DESIGN NO. N—449.

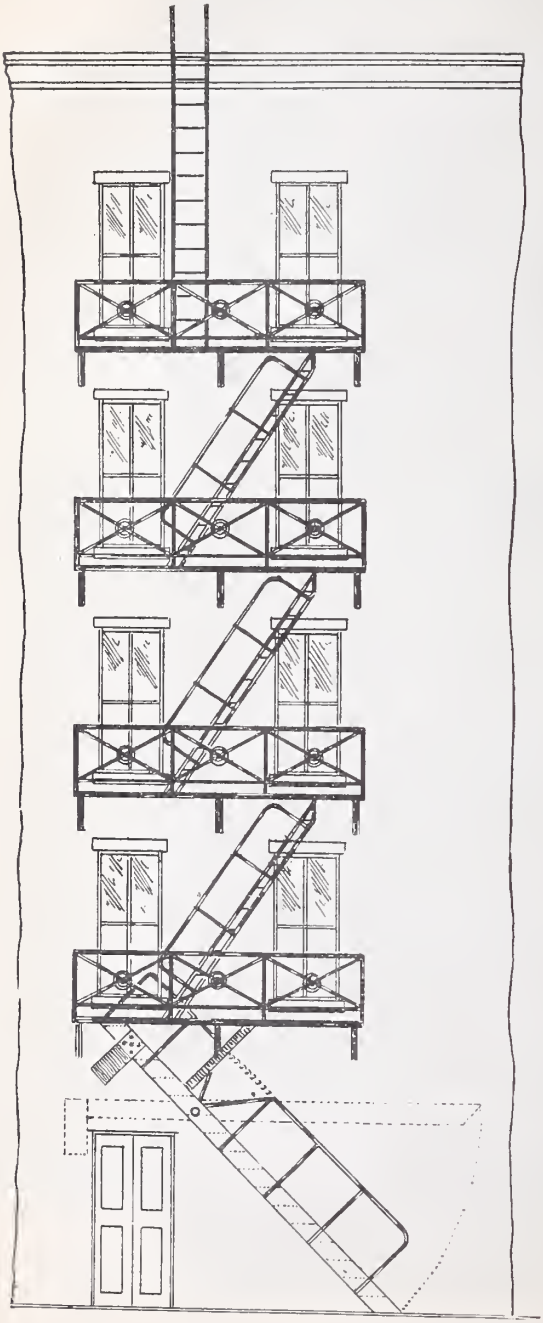
Photograph of Fire Escape erected by us on the G. A. R. Building, Detroit, Mich.

The construction of this escape is in keeping with Michigan State Law, which makes an efficient escape at a low cost.

All our work is fitted complete at factory and so constructed and marked that it can be erected in any part of the country without skilled help. We send directions for erecting whenever required. This is very important.

VULCAN DESIGN NO. N—450.

Above shows photograph of Fire Escape erected by us on University Building, Detroit, Mich. General construction is as specified on page 76. Bottom balcony is equipped with swinging stairway 24 inches wide reaching to ground. A sliding drop ladder is used as an additional means of reaching ground.



VULCAN DESIGN NO. N—451.

Typical Fire Escape for Five Story Building With Swinging Stairway to Ground and Roof Ladders to Roof.

This illustration shows a common type of Fire Escape used on Stores, Factories, Apartment Houses, Hotels, etc.

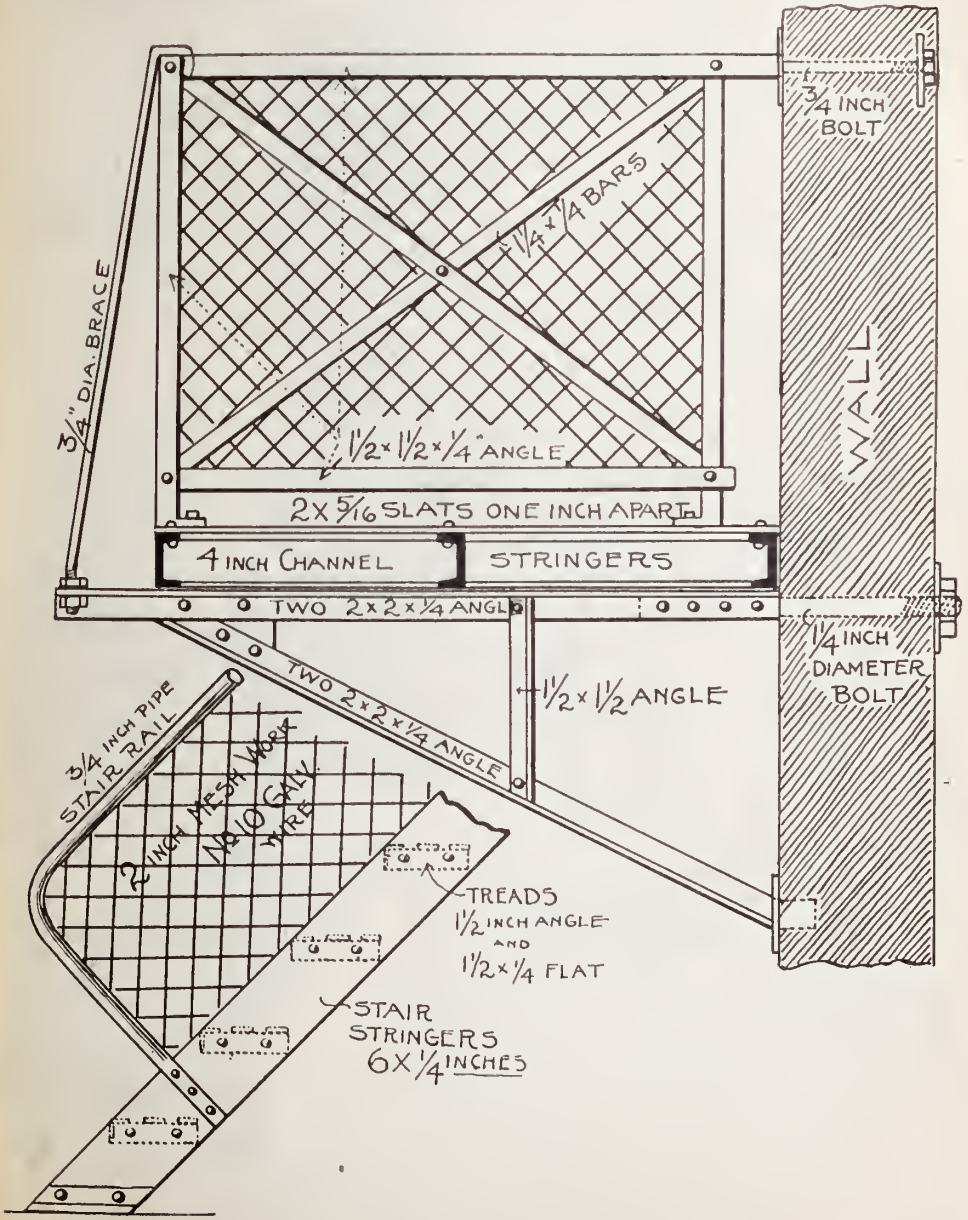
Specifications on page 76 apply to this escape.

Parties requiring work of this kind will please send full particulars for net prices. See page 69 for instructions.

We make a specialty of this work and can furnish anything that may be desired.

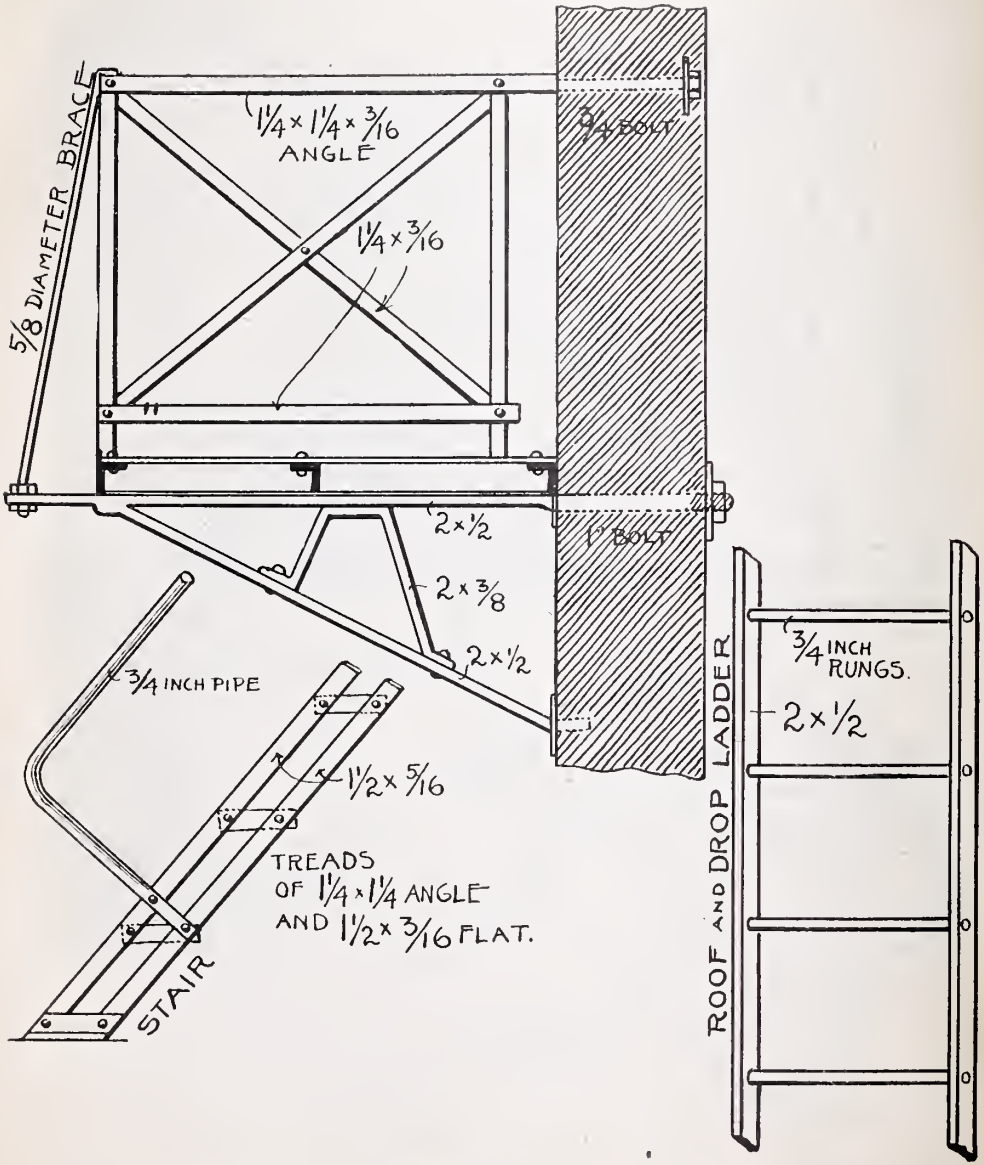
ANY OF OUR ORNAMENTAL HAND RAILINGS CAN BE PLACED ON PLATFORM AND STAIRS, WHERE ORNATE ESCAPES ARE DESIRED OR WE WILL BE PLEASED TO SUBMIT SPECIAL SKETCHES OF ANYTHING THAT MAY BE DESIRED.

Illustration of Fire Escape construction as per Michigan State Law applying to SCHOOLS, PUBLIC HALLS and PUBLIC BUILDINGS.


3/4 INCH BOLT
1 1/4 x 1/4 BARS
3/4" DIA. BRACE
WALL
1 1/2 x 1 1/2 x 1/4" ANGLE
2 X 5/16 SLATS ONE INCH APART
4 INCH CHANNEL
STRINGERS
TWO 2 x 2 x 1/4 ANGLE
1 1/4 INCH DIAMETER BOLT
TWO 2 x 2 x 1/4 ANGLE
1 1/2 x 1 1/2 ANGLE
3/4 INCH PIPE STAIR RAIL
2 INCH MESH WORK NO 10 GALV. WIRE
TREADS 1 1/2 INCH ANGLE AND 1 1/2 x 1/4 FLAT
STAIR STRINGERS 6 X 1/4 INCHES

Stairs 24 inches wide. Hand rail both sides.
VULCAN DESIGN NO. N—300.
See page 69 for instructions.

Illustration of Fire Escape construction as per Michigan State Law applying to Factories, Hotels, Apartment Houses, Etc.

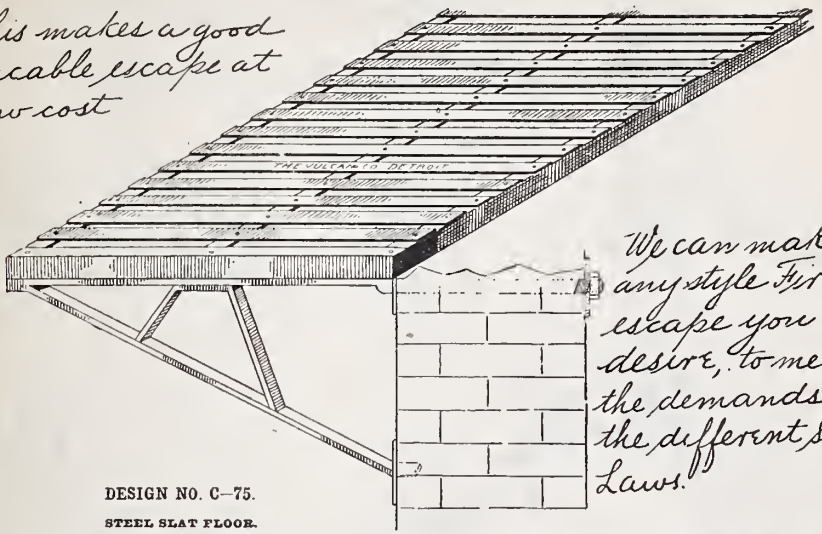


Stairs are 22 inches wide. Balconies 36 inches wide.

See complete specifications on page 78 which apply to this illustration.

VULCAN DESIGN NO. N—453.

This makes a good serviceable escape at a low cost



We can make any style Fire escape you may desire, to meet the demands of the different State Laws.

DESIGN NO. C—75.

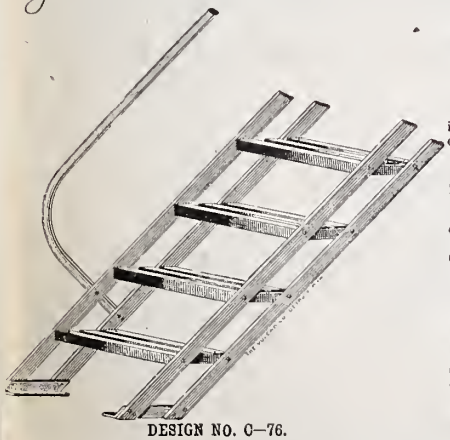
STEEL SLAT FLOOR.

Above illustration shows steel slat floor riveted to angle steel frames, and supporting bracket with shank to run through wall, nut and washer on the inside.

This style floor is used in all standard fire escapes illustrated on pages and , also suitable for balconies. Slats are usually 2 in. x $\frac{3}{16}$ in., riveted to angle frames 2 in. x 2 in. x ¼ in.

We supply similar angle stringers with screw holes for wood nailing strips to receive wood floor. This latter construction makes a strong, light appearing, close balcony floor at a minimum cost, suitable where open-work floors would be objectionable.

Send particulars and get our net prices laid down at your station.



DESIGN NO. C—76.

FIRE ESCAPE STAIR.

Usual width, 22 inches. Handrail on one or two sides.

Made any length.

Price, per foot...$1 90

Handrail on one side only.

Handrail on two sides, add 25 cents per foot.

Send particulars when writing for prices.

Similar stringers for wood treads if desired.

We also construct similar narrow, light stairs with non-slippery, wrought steel treads.

DESIGN NO. C—77.

VERTICAL FIRE LADDER.

Usual construction, 1½ in. x 1½ in. angle steel rails.

Rungs, 1¼ in. x 1¼ in. angle steel.

18 inches wide.

Per linear foot.....85c

DESIGN NO. C—78.

DESIGN NO. C—78

VERTICAL FIRE LADDER.

Usual construction, 2 in. x ½ in. wrought iron rails, ¾ in. round steel rungs.

18 inches wide.

Per linear foot...$1 00

Exclusive of supports.

Manner of supporting these ladders differ with conditions.

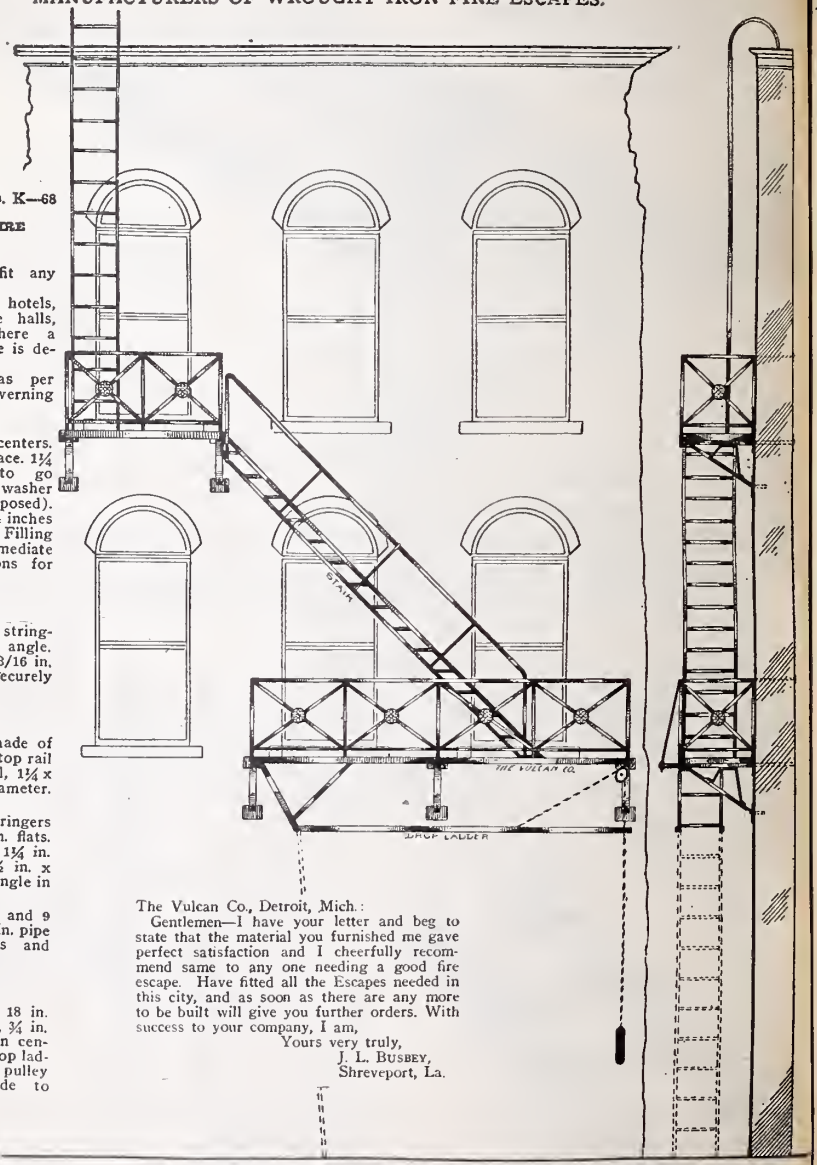
Write for prices, giving full particulars.

In constructing our escapes we make it a point to give features of adjustment that will meet all practical variations in erecting.

Any ordinary mechanic can put up our escapes without trouble.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

MANUFACTURERS OF WROUGHT IRON FIRE ESCAPES.



VULCAN DESIGN NO. K—68

WROUGHT IRON FIRE ESCAPE.

Made to order to fit any building.

Specially adapted for hotels, factories, stores, lodge halls, club houses, etc., where a strong and cheap escape is desired.

Usual construction as per Michigan State Law governing fire escapes, as follows:

Brackets:

Usually set 5 feet on centers. 2 in. x ½ in. arm and brace. 1¼ in. diameter shank to go through wall. Nut and washer inside (obscured or exposed). Brace extends into wall 4 inches through 6x6 washer. Filling 1½ in. x ⅜ in. Intermediate brackets have extensions for hand rail braces.

Floors:

Usually 36 in. wide. 3 stringers of 2 x 2 x 3/16 in. angle. Floor formed of 2 in. x 3/16 in. slats set 1 in. apart, securely riveted to stringers.

Hand Railing:

Usually 30 in. high, made of 1¼ x 1¼ x 3/16 in. angle top rail and corners. Lower rail, 1¼ x 3/16 in. Braces ⅝ in. diameter.

Stairs.

Usually 22 in. wide. Stringers formed of 2—1½x5/16 in. flats. Angle carriages 1¼ in. x 1¼ in. Treads formed of 2—1½ in. x 3/16 in. flats and 1¼ in. angle in front.

Step about 6 in. wide and 9 in. rise. Hand rail of ¾ in. pipe with sufficient uprights and braces.

Ladder:

Roof and drop ladder 18 in. wide, 2 x ½ in. side bars, ¾ in. diameter rungs, 12 in. on centers, curve over roof. Drop ladder provided with cable, pulley and counterweight made to swing or slide.

The Vulcan Co., Detroit, Mich.:

Gentlemen—I have your letter and beg to state that the material you furnished me gave perfect satisfaction and I cheerfully recommend same to any one needing a good fire escape. Have fitted all the Escapes needed in this city, and as soon as there are any more to be built will give you further orders. With success to your company, I am,

Yours very truly,
J. L. BUSBEY,
Shreveport, La.

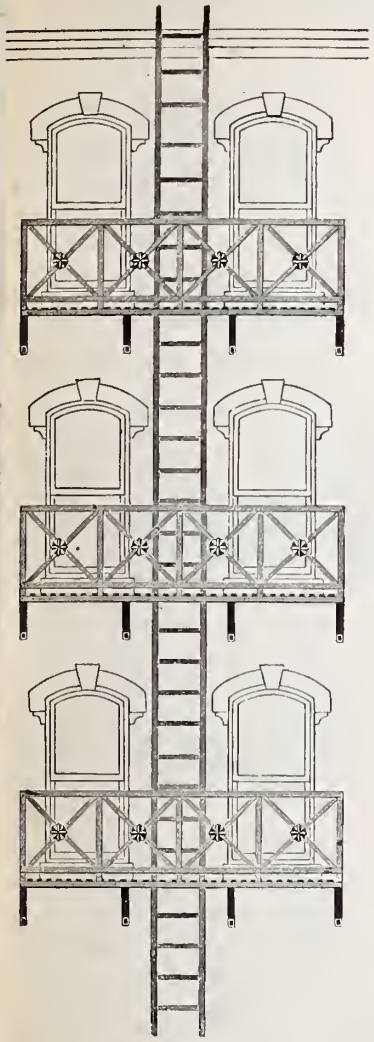
See page for instructions in writing for prices and ordering.

All our escapes are set up complete at shop and shipped in flat bundles at low freight rates. All parts are marked and arranged so work can be erected without any difficulty. Erecting diagram and instructions are sent with shipment.

All our work is constructed in best possible manner and painted one coat of good black at factory.

Send particulars and get our delivered price.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



DESIGN NO. C—71.

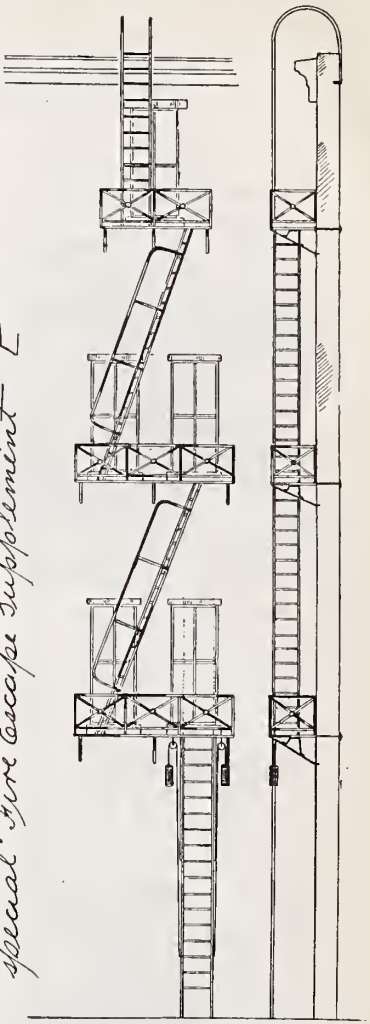
FIRE ESCAPE.

Above illustration shows ordinary fire escape for factories, tenements, public halls, etc. For details of construction, see page 30. Steel slat floors, angle steel frames, wrought steel hand rail. Wrought steel ladder or stair like C—72 if preferred.

Price,	Balconies complete, 36 inch floor and hand rail, per foot	$2 75
"	Brackets, each 36 inches long	4 00
"	Steel Ladder, 18 inches wide, per foot	1 00
"	Extra for curving over cornice, per pair	2 50
"	Stair like C—72, rail one side, per foot	1 90
"	" " " " two sides, per foot	2 15

Send elevation and section of wall, with measurements between floors, doors, windows, etc., also thickness of wall, projection of cornice, etc.; then draw lines where balconies are wanted. Locate water-tables, window sills, caps, pilasters, conductor pipe, or other projections outside of face of wall.

We are obliged to Fire escapes Send for our special "Fire Escape Supplement" "E"



DESIGN NO. C—72.

FIRE ESCAPE.

Above illustration shows standard fire escape complying with State Laws of Michigan. It forms a perfect fire escape for factories, public buildings and opera houses.

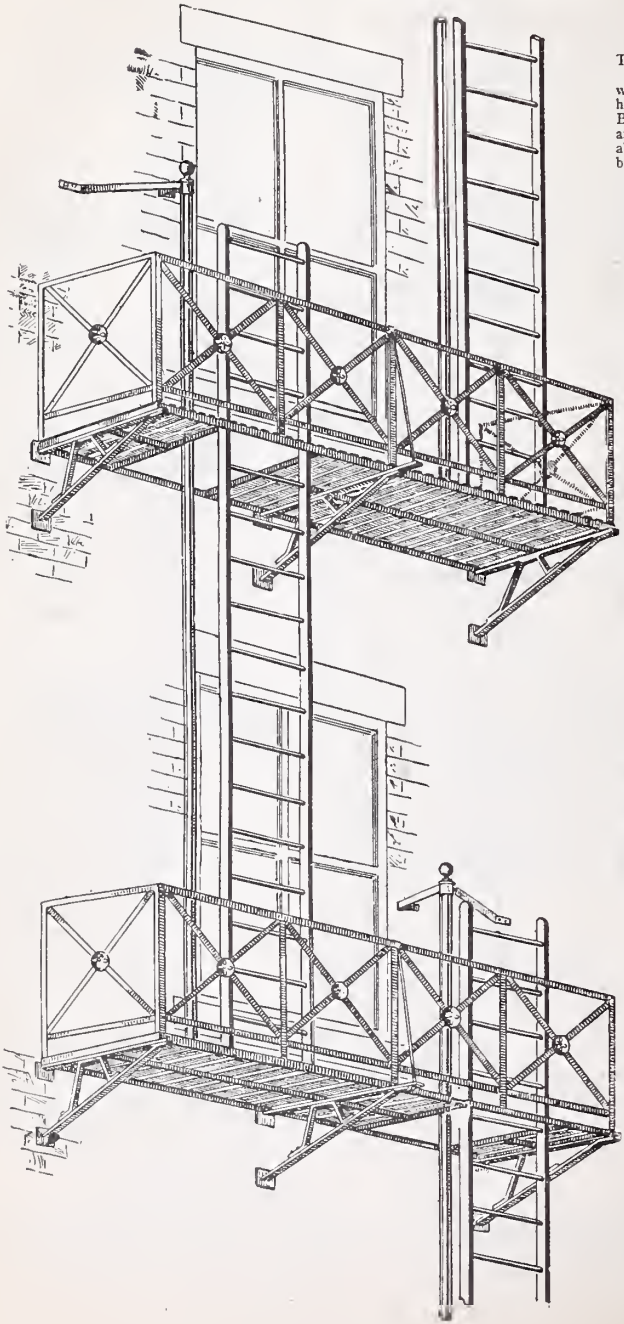
For prices, see C—71.

All our fire escapes can be made with any size or shape of balconies that may be required.

See details pages 76 and 77.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

FIRE ESCAPE BUILDERS.



The Vulcan Co. Detroit, Mich.:

Gentlemen—Answering yours of recent date, will say that the metal work received from you has and is giving perfect satisfaction. The Balcony, Stair Cases and Fire Escape, the architect and builder are highly pleased with all and say that it is the best job in our city, both as to construction and workmanship.

Yours very truly,
M. P. MYERS & Co.,
Plattsburgh, N. Y.

VULCAN DESIGN NO. K—72.

WROUGHT IRON FIRE ESCAPE.

This illustration shows a perspective of a substantial and serviceable Fire Escape at a low price.

The construction is as demanded by Michigan State Laws.

Balconies are usually 3 feet wide and can take in as many windows and doors as may be desired.

The heavy wrought brackets have 1¼ in. diameter shanks to go through wall.

Nut and washer can be exposed or obscured on inside. Set about 5 feet apart.

Floor is made of 2 in. x 2 in. angle steel stringers with 2 x 3/16 in. steel slats spaced 1 in. apart, securely riveted.

Hand railing is made of angles and flats and securely bolted to floor and braced to extensions on intermediate brackets.

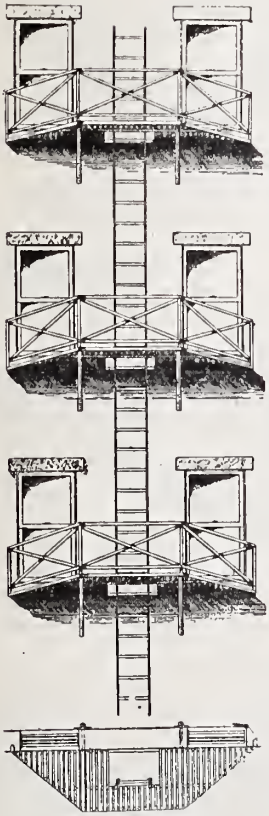
Ladders are made of 2 in. x ½ in. side bars and ¾ in. diameter rungs placed 12 in. on centers. Ladder from lower balcony to ground is generally hung with cable, pulleys and counterweight to swing or slide up when not in use.

The patent slide pole attachment can be placed as shown, and affords additional means for quick descent. Boys and men would prefer the slide pole to the ladder in emergencies.

Send particulars of your requirements and let us quote a net price on the work fitted ready to set in place and laid down at your station.

All our work is well painted with good paint and we furnish everything ready to set.

We guarantee thoroughly well made work in every respect.



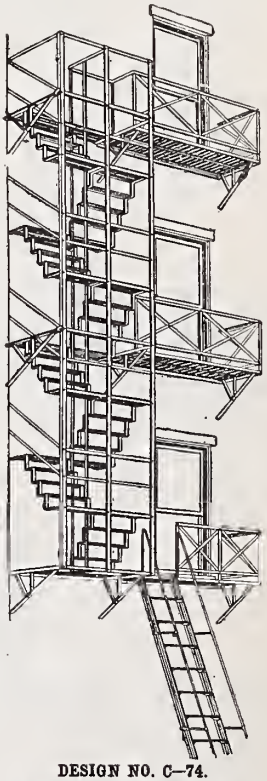
DESIGN NO. C—73.

FIRE ESCAPE.

SPECIFICATIONS: Steel Slat floors, with substantial angle steel frames, 30 inches high wrought steel railing. Wrought steel brackets with shank to go through wall.

Price, balconies 10 feet long, 30 inches wide, including 2 brackets, etc., each $30 00
Ladder, 18 inches wide, per running foot 1 00

Especially adapted to factories and mills.



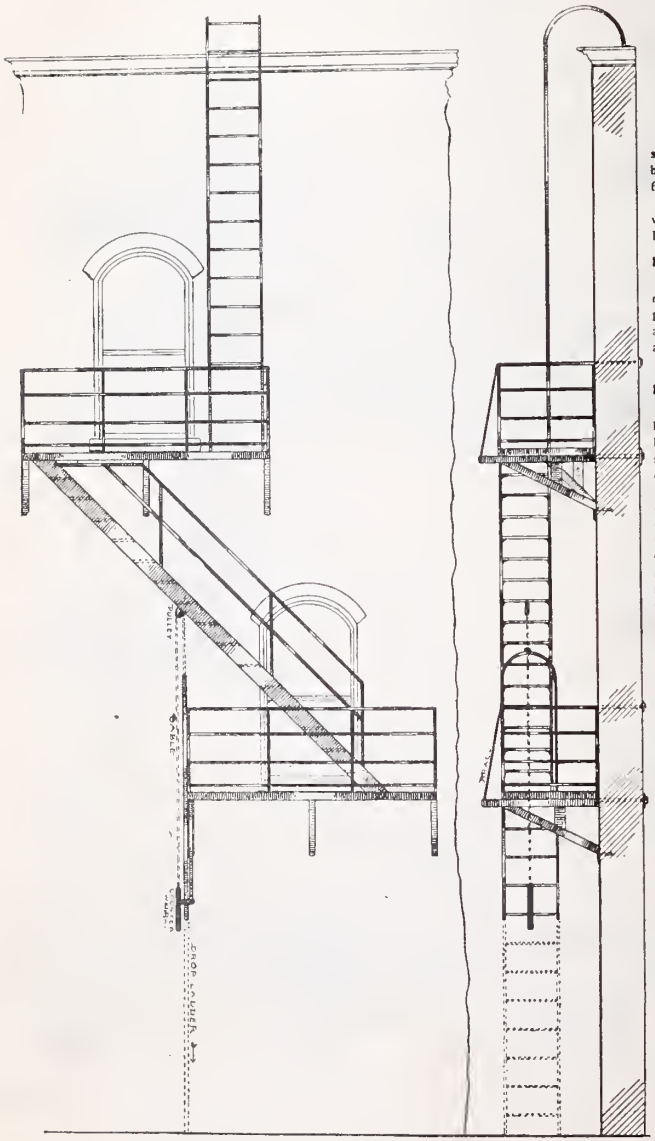
DESIGN NO. C—74.

ABSOLUTELY SAFE FIRE ESCAPE.

This escape is especially adapted for schools, asylums, etc., giving the least sense of fear to timid persons. The stairway is usually enclosed, more or less completely, with wire work, wrought lattice work, or other assuring protection, as purchasers may prefer. Stairs are set on blank walls between windows. Approaching balcony can be any desired length. No possibility of falling more than a few feet. Much preferable to spiral stairs as the latter have treads of uncertain footing, and a mis-step at their top means a fall their entire length.

Prices and detailed description upon application.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULCAN DESIGN NO. K—69.

WROUGHT IRON FIRE ESCAPE.

Price on receipt ol particulars.

This illustration shows a very substantial Fire Escape, suitable for hotels, factories, apartment houses, flats, etc

The construction is in keeping with specifications as demanded by Indiana State Law, as follows:

Brackets:

Made of 2 x 2 x ¼ in. angle iron, reinforced by fish plate at connecting point. 1¼ in. bolt through wall, nut and washer inside. Brackets spaced about 4 feet on centers.

Balconies:

Usually made 9 feet long or longer by 42 in wide, except where stairs lead from end of balcony, when they shall cover opening specified. Stringers of 2 x2 x ¼ in. angle iron. Floor formed of 1 in x ¼ in slats set on edge 1¼ in apart, with 2 rows of thimbles strung on rod running lengthwise. Hand rail as follows: Corner upright 1¼ x 1¼ angle, intermediate uprights 1¼x5/16 in. set 3 feet apart Slats 1¼ x 5/16 in. between top and bottom rail. ¾ in bolt through wall at return end. ⅝ in. round braces secured to extensions on brackets. Well holes protected by guard railings.

Stairs:

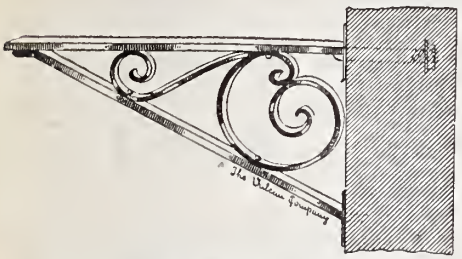
To have a pitch of 45 degrees and to be 21 in wide. Stringers 5 in. x ¼. Steps formed of 1 in. x ¼ in. iron set edgewise 1¼ in. apart, well riveted to stringers. Steps about 9 in. apart and 6 in. tread. Long stairs to have brackets or tie rod supports. Hand rail of 1¼ in. angle with 1¼ x 5/16 in filling Braced where necessary.

Drop and Roof Ladder:

To be 24 in. wide, 2 x ½ in. side bars, ¾ in. dia. rungs, 12 in. on centers Roof ladder to curve over roof. Drop ladder to have counter weight, cable and pulleys to swing or slide, as may be desired.

All this work is put together at our shop and fitted complete, marked and numbered with tin tags, so it can be set in place without the use of skilled help.

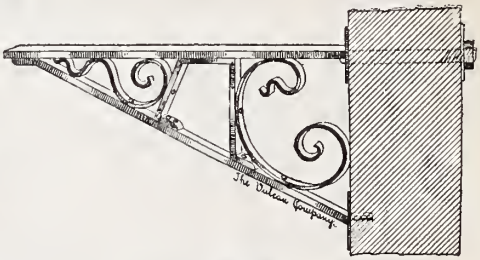
HEAVY FORGED WROUGHT IRON BRACKETS FOR CARRYING BALCONIES, PLATFORMS, FIRE ESCAPES, STAIRS, ETC.



VULCAN DESIGN NO. K—76.

HEAVY WROUGHT IRON BRACKET.

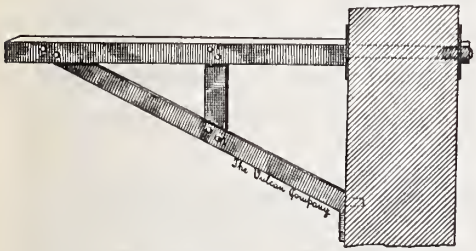
Price, 30 in. extension, each	$4 00
" 36 in. extension, each	4 50
" 42 in. extension, each	5 00
" 48 in. extension, each	6 00



VULCAN DESIGN NO. K—77.

HEAVY WROUGHT IRON BRACKET.

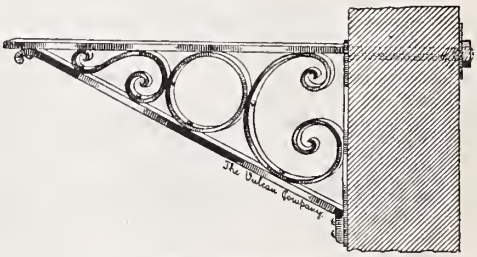
Price, 30 in. extension, each	$4 50
" 36 in. extension, each	5 00
" 42 in. extension, each	5 50
" 48 in. extension, each	6 50



VULCAN DESIGN NO. K—78.

HEAVY WROUGHT IRON BRACKET (MADE OF ANGLES.)

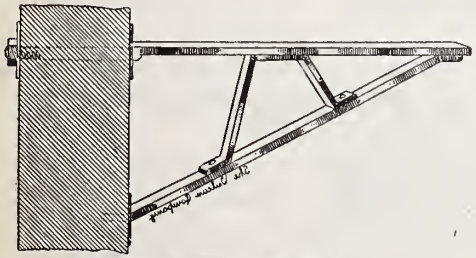
Price, 30 in. extension, each	$4 50
" 36 in. extension, each	5 00
" 42 in. extension, each	5 50
" 48 in. extension, each	6 50



VULCAN DESIGN NO. K—79.

HEAVY WROUGHT IRON BRACKET.

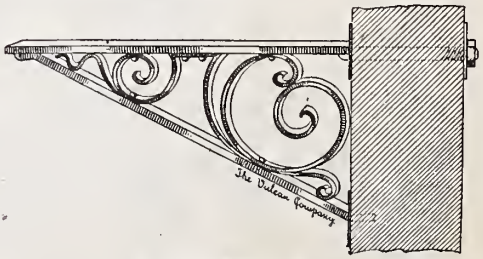
Price, 30 in. extension, each	$5 00
" 36 in. extension, each	5 50
" 42 in. extension, each	6 00
" 48 in. extension, each	7 00



VULCAN DESIGN NO. K—80.

HEAVY WROUGHT IRON BRACKET.

Price, 30 in. extension, each	$3 50
" 36 in. extension, each	4 00
" 42 in. extension, each	4 50
" 48 in. extension, each	5 50



VULCAN DESIGN NO. K—81.

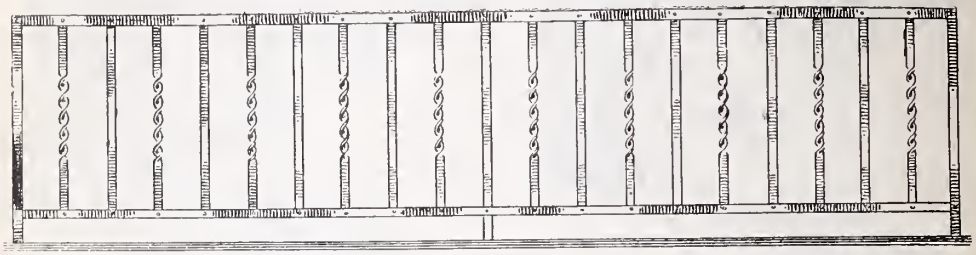
HEAVY WROUGHT IRON BRACKET.

Price, 30 in. extension, each	6 50
" 36 in. extension, each	7 00
" 42 in. extension, each	7 50
" 48 in. extension, each	8 50

Any other size made to order at proportionate prices. Will be pleased to furnish special designs if catalog styles do not meet your ideas. All this work is thoroughly well made and mechanically correct for strength.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

Wrought Iron Railings for Balconies, Fire Escapes, Etc.

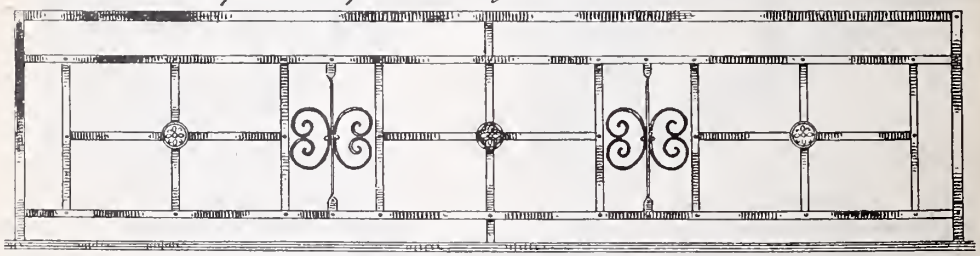


DESIGN No. E—14.

WROUGHT IRON RAILING.

Approximate price per foot 33 inches high when set $1 00

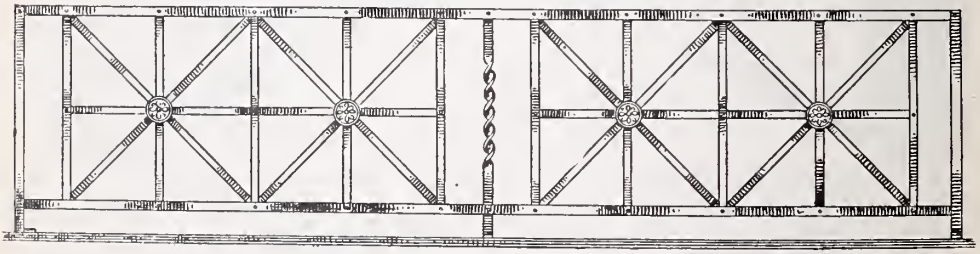
Special price in quantities



DESIGN No. E—15.

WROUGHT IRON RAILING.

Approximate price per foot, 33 inches high when set $1 25

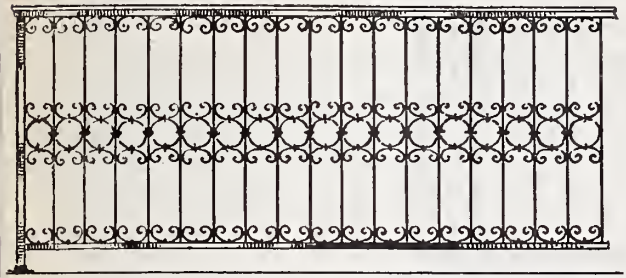


DESIGN No. E—16.

WROUGHT IRON RAILING.

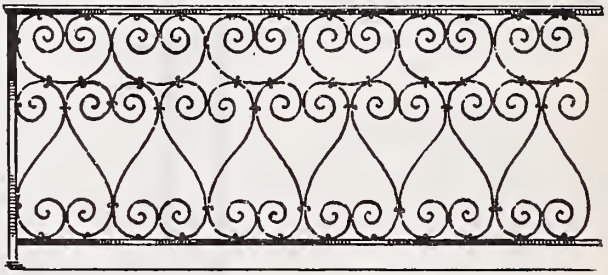
Approximate price per foot, 33 inches high when set..... $1 25

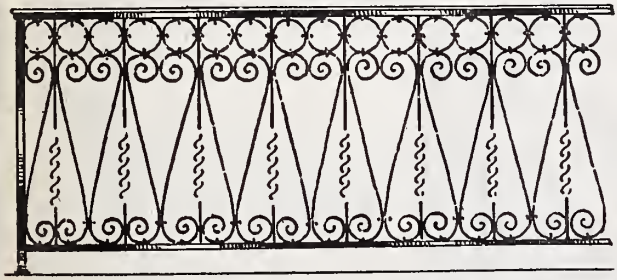
SUGGESTIONS FOR ORNAMENTAL WROUGHT IRON RAILINGS FOR BALCONIES, AREAS, WELL HOLES, ETC.



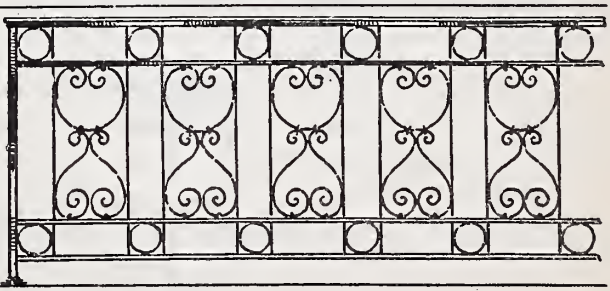
VULCAN DESIGN NO. K—112.
WROUGHT IRON RAILING.
Price, per foot, 36 in. high.....$2 75 to $3 00
Always send plan showing length desired when writing for special net prices.

VULCAN DESIGN NO. K—113.
WROUGHT IRON RAILING.
Price, per foot, 36 in. high.....$2 25
All our work is executed in a thoroughly artistic and substantial manner, and well painted with good paint.





VULCAN DESIGN NO. K—114.
WROUGHT IRON RAILING.
Price, per foot, 36 in. high.....$2 75
We will be pleased to give full particulars as to size of materials employed or submit full size detail showing exact construction.

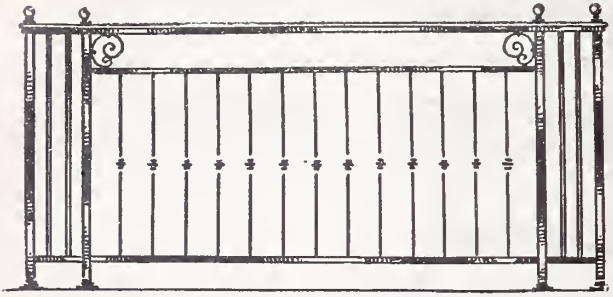


VULCAN DESIGN NO. K—115.
WROUGHT IRON RAILING.
Price, per foot, 36 in. high.....$2 50

PRICES DEPEND ON QUANTITIES DESIRED TO A LARGE EXTENT.
SEND PARTICULARS WHEN WRITING FOR PRICES.

ALL RAILINGS CAN BE DUPLEX COPPER PLATED IF DESIRED, COSTING CONSIDERABLE EXTRA.

SUGGESTIONS FOR ORNAMENTAL WROUGHT IRON RAILINGS FOR BALCONIES, AREAS, WELL HOLES, ETC.



VULCAN DESIGN NO. K—116.
WROUGHT IRON RAILING.

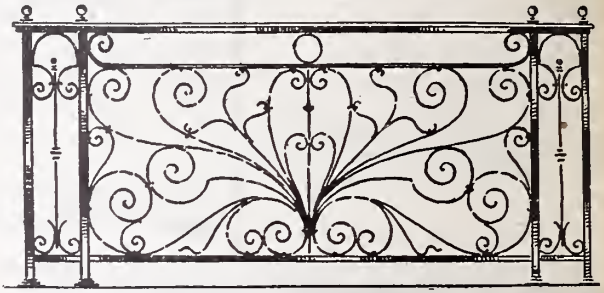
Price, per foot, 36 in. high.....$3 00 to $3 50

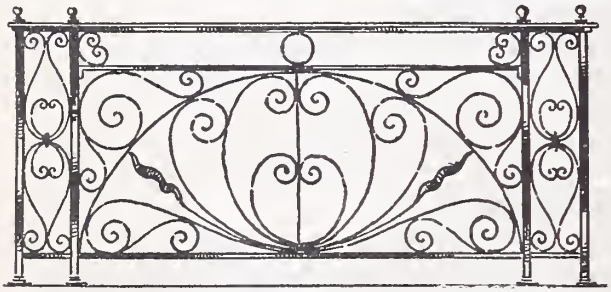
Prices depend on quantity desired to a certain extent. Always send particulars of what is wanted, when writing for prices.

VULCAN DESIGN NO. K—117.
WROUGHT IRON RAILING.

Price, per foot, 36 in. high.....$3 50 to $4 00

All this work is executed in a thoroughly artistic and substantial manner and well painted with good paint.





VULCAN DESIGN NO. K—118.
WROUGHT IRON RAILING.

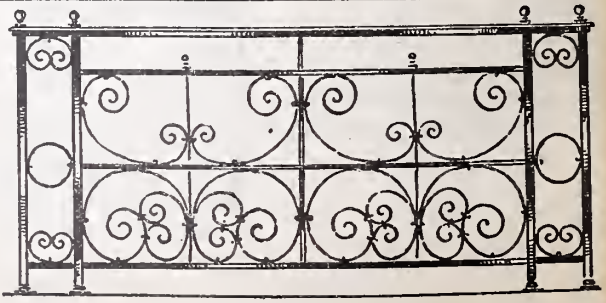
Price, per foot, 36 in. high.....$3 50 to $4 00

We can submit details showing exact size of materials, etc., if desired.

VULCAN DESIGN NO. K—119.
WROUGHT IRON RAILING.

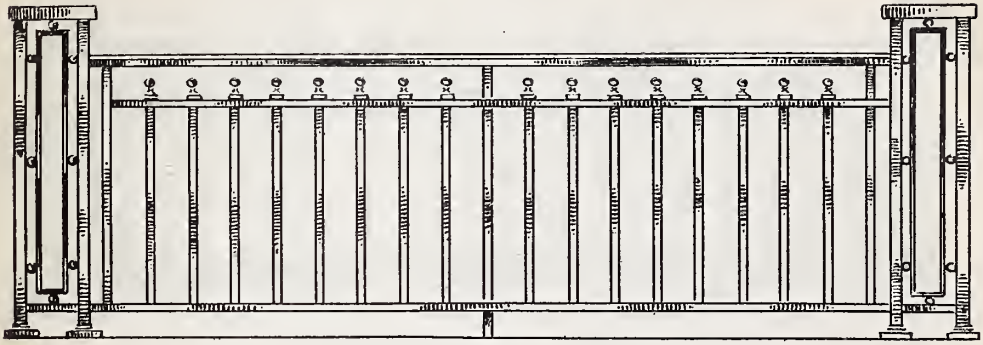
Price, per foot, 36 in. high.....$3 00

Will be pleased to submit special designs at any time suitable for any location.



ALL RAILINGS CAN BE DUPLEX COPPER PLATED, IF DESIRED, COSTING EXTRA.

ORNAMENTAL WROUGHT IRON RAILINGS.

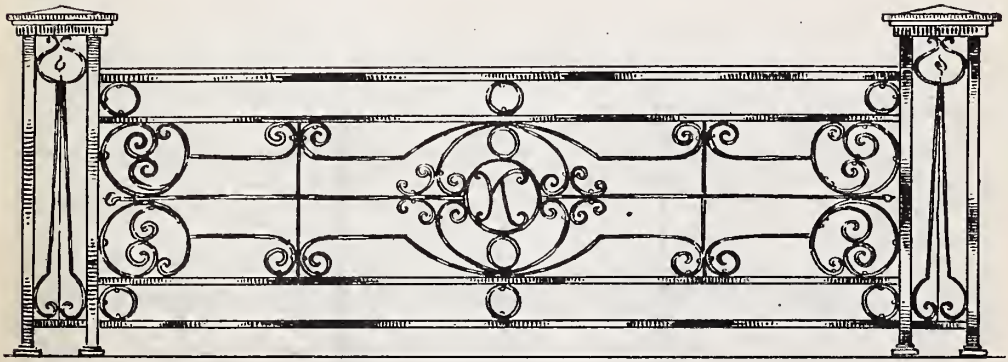


VULCAN DESIGN NO. N—454.

Ornamental Wrought Iron Railing.

Approximate price, 33 to 36 inches high, painted black, per running foot.....$2.50

Extra for panel posts shown above, each..... 5.00



VULCAN DESIGN NO. N—455.

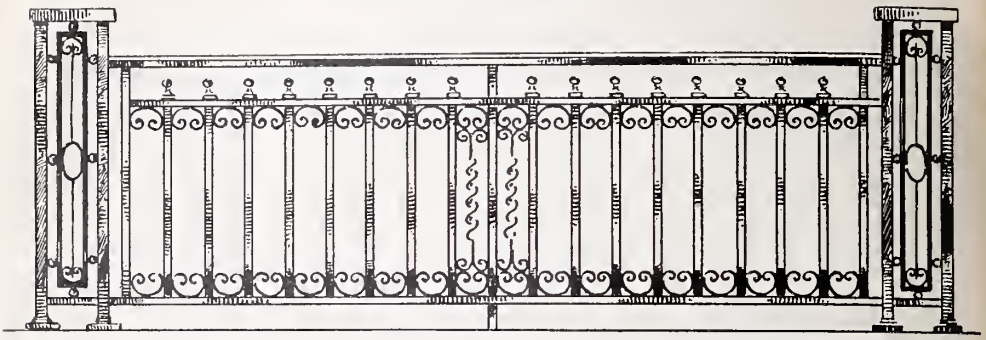
Ornamental Wrought Iron Railing.

Approximate price, 33 to 36 inches high, painted black, per running foot.....$3.50

Extra for panel posts shown above, each..... 8.00

We will be pleased to quote net prices on receipt of exact particulars of what is desired. Prices depend on quantity to a certain extent. We furnish special designs upon receipt of suggestions and particulars. All work executed in a workmanlike, first-class manner.

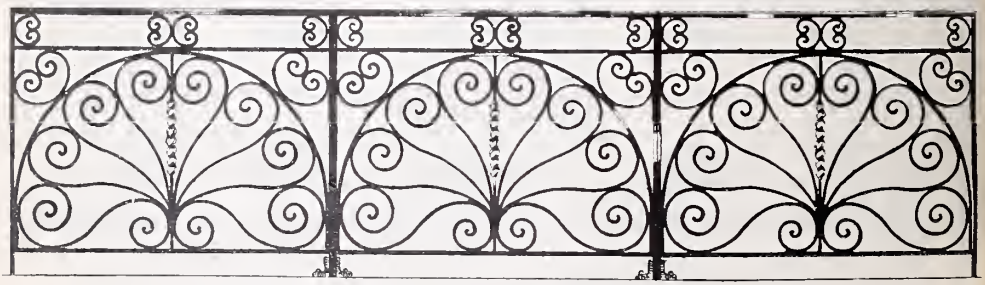
Wrought Iron Railing.



VULCAN DESIGN NO. N—456.

Wrought Iron Railing.

Price, 36 inches high, painted black, per running foot.....$3.00
Extra for posts shown above, each..... 5.50

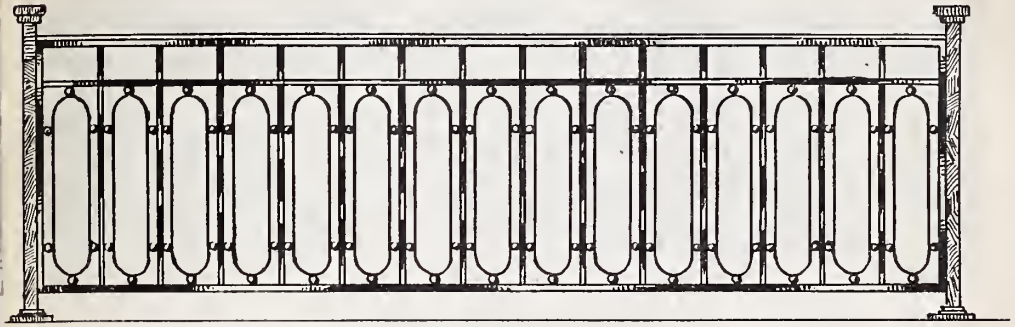


VULCAN DESIGN NO. N—457.

Wrought Iron Railing.

Price, 36 inches high, painted black, per running foot.....$3.00
Special price in quantities. Send plan of work desired.

Wrought Iron Railing.



VULCAN DESIGN NO. N—458.

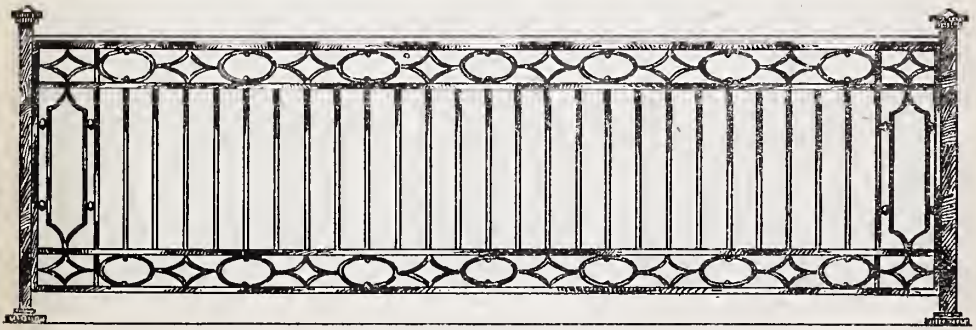
Wrought Iron Railing (Colonial).

Suitable for enclosing Balconies, Verandas, Platforms, Well Holes, Etc. Usually painted black.

Price, 36 inches high, per running foot.....$4.00

Extra for square posts for corners, each..... 3.50

Send exact diagram when writing for prices.



VULCAN DESIGN NO. N—459.

Wrought Iron Railing (Colonial).

Suitable for enclosing Balconies, Verandas, Platforms, Well Holes, Etc. Usually painted black.

Price, 36 inches high, per running foot.....$4.50

Extra for square posts at corners, each..... 3.50

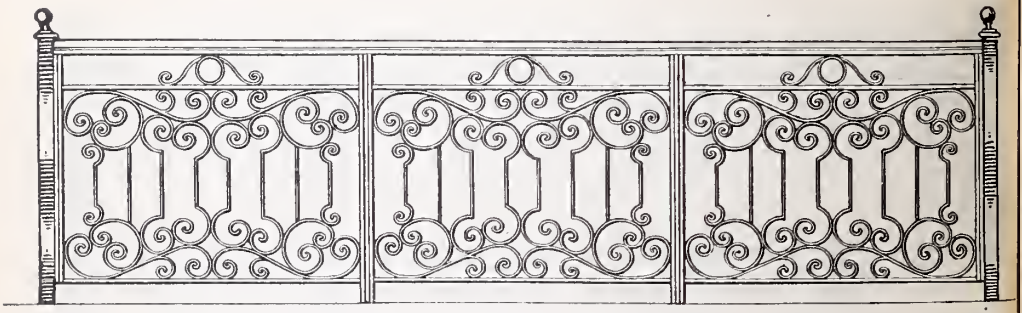
All this work is thoroughly well made by competent mechanics, and accurately fitted to dimensions given.

WROUGHT IRON RAILINGS.

VULCAN DESIGN NO. N—460.

Wrought Iron Railing.

Suitable for enclosing Balconies, Platforms, Well Holes and Areas. Painted black.
Price, 36 inches high, per running foot.....$3.00
Can be made any shape or size desired.

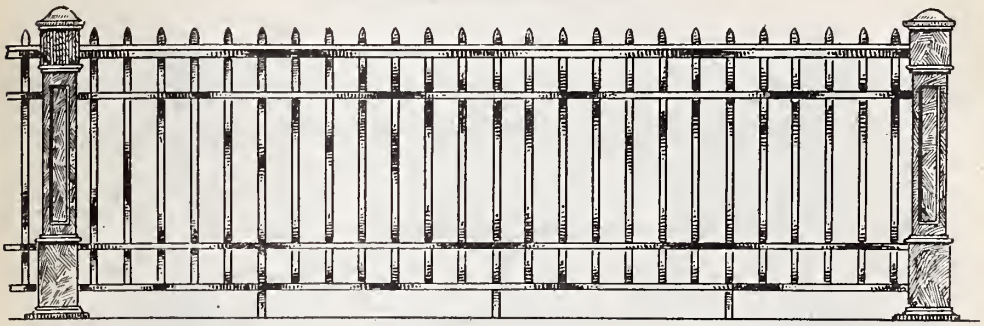


VULCAN DESIGN NO. N—461.

Wrought Iron Railing.

Suitable for enclosing Areas, Well Holes, Balconies, Etc.
Price, 36 inches high, per running foot.....$3.50
Extra for square posts used on corners, each..... 3.00
Special price in quantities. Always send diagram giving exact dimensions of work desired.
Please do not tear pages out of catalog. Refer to number of design under illustration.

WROUGHT IRON RAILINGS.



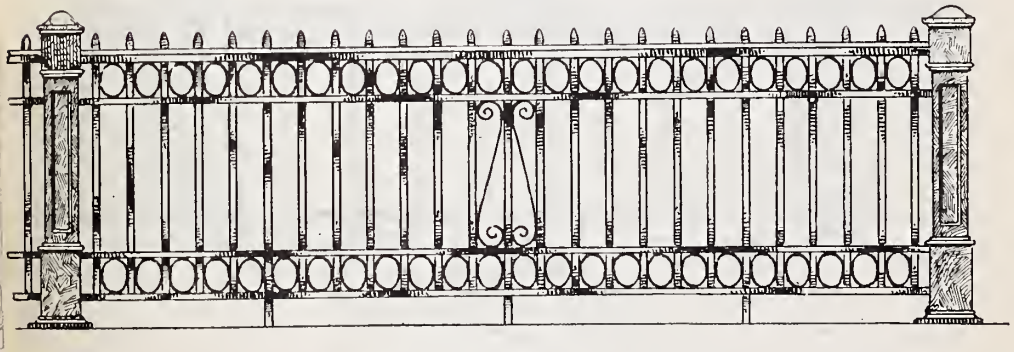
VULCAN DESIGN NO. N—462.

Wrought Iron Railing.

Suitable for enclosing Areas, Well Holes, Balconies, Etc. The pointed tips at top prevent sitting on rail. Painted black.

	½-in. pickets.	⅝-in. pickets.
Price, 36 inches high, per running foot	$2.50	$2.75
Extra for cast newel posts, each	6.00	

Can be made higher or lower than 36 inches if desired.



VULCAN DESIGN NO. N—463.

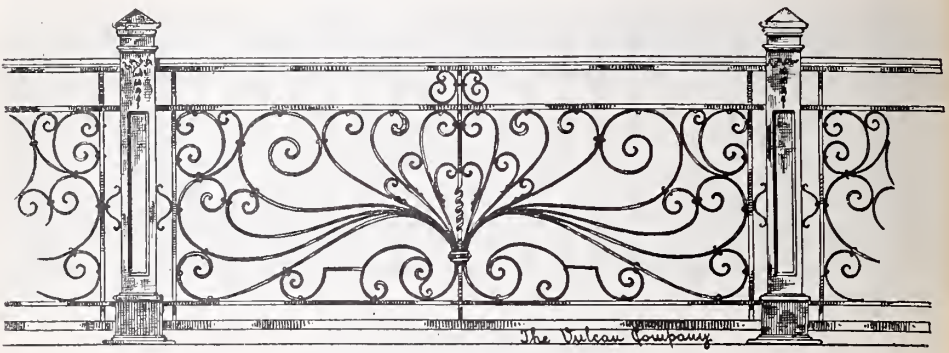
Wrought Iron Railing.

This shows the same design as above, with the addition of ornamental scroll work. Usually painted black.

	½-in. pickets.	⅝-in. pickets.
Price, 36 inches high, per running foot	$3.00	$3.25
Extra for cast newel posts, each	6.00	

Can be made higher or lower than 36 inches if desired.

ORNAMENTAL WROUGHT IRON RAILINGS FOR ENCLOSING WELL HOLES, AREAS, BALCONIES, ETC.



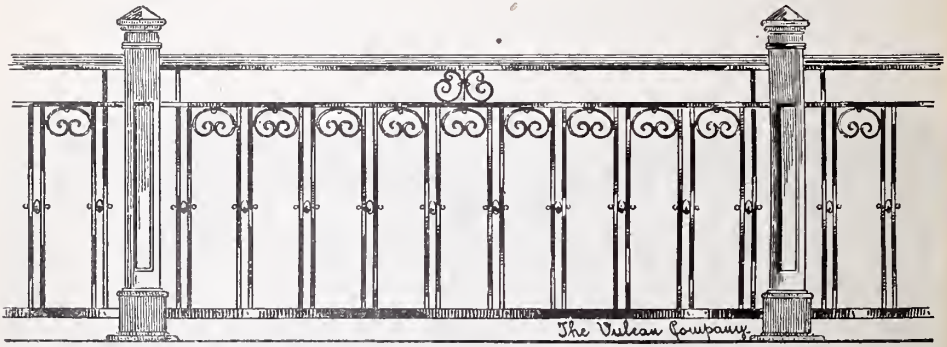
VULCAN DESIGN NO. K—120.

ORNAMENTAL WROUGHT IRON RAILING.

Approximate price, 33 to 36 inches high, painted black, per running foot ..... $3 00 to $3 50

Cast newels, each, painted black..... $6 00

Price depends on quantity to a large extent. Always write and send particulars of what you desire and get our net price for the work laid down at your station.



VULCAN DESIGN NO. K—121.

ORNAMENTAL WROUGHT IRON RAILING.

Approximate price, 33 to 36 in. high, painted black, per running foot ..... $2 50 to $3 00

Cast newels, each..... $6 00

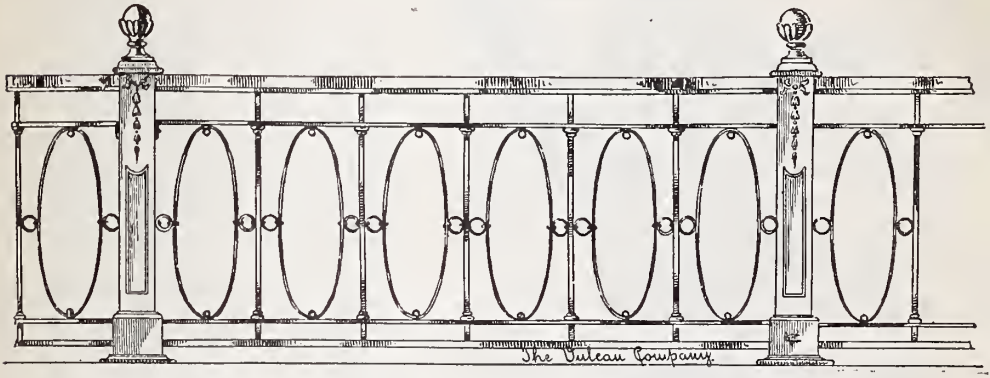
Send particulars of your requirements and get our price laid down at your station.

Note: Top rails can be fitted for wood rails if desired. Polished brass top rails can be supplied, costing extra. Work can be electroplated in oxidized copper, costing considerably more. We do not recommend the electroplate finishes for other than interior use.

RAILINGS CAN BE DUPLEX COPPER PLATED IF DESIRED, COSTING MORE.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG

ARTISTIC ORNAMENTAL WROUGHT IRON RAILINGS FOR ENCLOSING WELL HOLES, AREAS, BALCONIES, ETC.



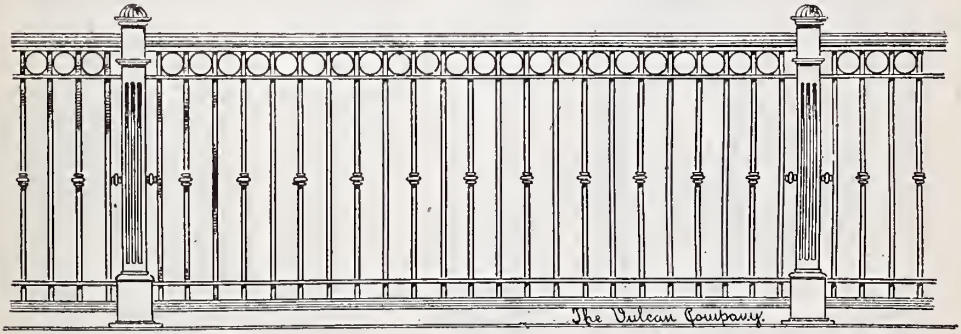
VULCAN DESIGN NO. K—122.

ORNAMENTAL WROUGHT IRON RAILING.

Approximate price, 33 to 36 inches high, painted black, per running foot .....$2 50 to $3 00

Cast newels, each $6 00

Prices depend on quantity. Send particulars and get our net prices delivered.
Can be finished in oxidized copper, costing considerably more.
Complete specifications will be given with estimate.



VULCAN DESIGN NO. K—123.

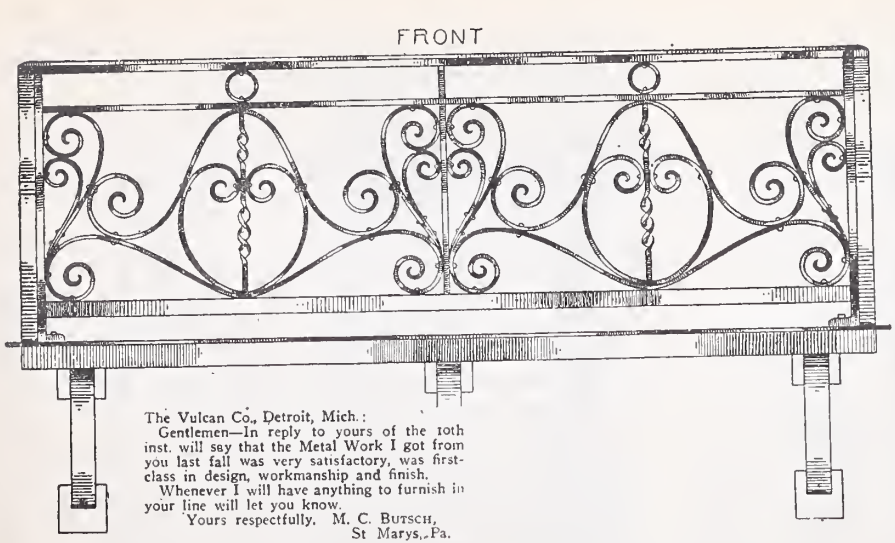
ORNAMENTAL WROUGHT IRON RAILING.

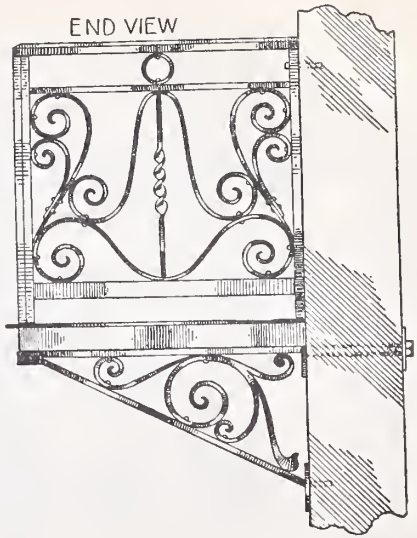
Approximate price, 33 to 36 in. high, painted black, per running foot .....$3 00 to $3 50

Newel posts, extra, each $5 00

Send particulars of your requirements and we will quote net price laid down at your station.
Brass hand rail can be placed on top, costing extra.
Full specifications of materials entering into construction of above railings will be given upon request.
Railings can be duplex copper plated if desired, costing more.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.





The Vulcan Co., Detroit, Mich.:

Gentlemen—In reply to yours of the 10th inst. will say that the Metal Work I got from you last fall was very satisfactory, was first-class in design, workmanship and finish.

Whenever I will have anything to furnish in your line will let you know.

Yours respectfully, M. C. BUTSCH,
St Marys, Pa.

VULCAN DESIGN NO. K—111.

ORNAMENTAL WROUGHT IRON BALCONY.

This style balcony can be made any length or width desired. Usual width is 36 inches. The floor is usually formed of Diamond surface "Never-slip" rolled steel plates supported by 2 in. x 2 in. angle stringers and bolted to same. Brackets are heavy wrought iron with 1¼ in. diameter bolt through wall. Nut and washer exposed or obscured behind plaster. Hand railing is formed in artistic manner entirely of wrought iron. Everything is fitted complete at shop and marked so it can be erected by anyone.

Painted one coat best black.

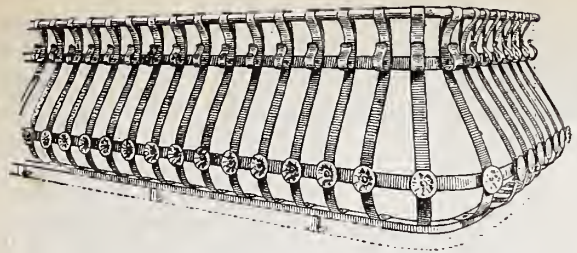
Price, per running foot, hand railing only	$2 25	See note below
Price, per running foot, floor and stringer only, 36 in. wide	4 50	
Price, heavy wrought iron brackets, each, 36 in. extension	6 00	

Hand railing can be arranged to screw to wood floor furnished at home if steel floor is not wanted; or steel angle stringers can be supplied for wood flooring.

Note: In computing length of hand railing, be sure to figure in the length of return ends. For instance, if the balcony is 8 feet long and 36 in. wide, it would take 14 feet of hand railing.

Prices depend on length to a large extent. Send particulars when you write for prices.

All our work is made in a thoroughly substantial manner and well painted with good paint.



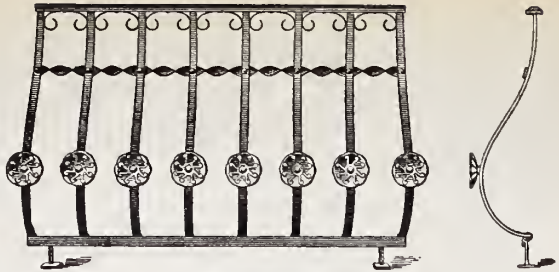
Special Price in quantities

DESIGN NO. C—54.

WROUGHT IRON BALCONY RAILING.

33 to 36 inches high Price, per foot..... $2 25

Including tubular top rail, as shown.



DESIGN NO. C—55.

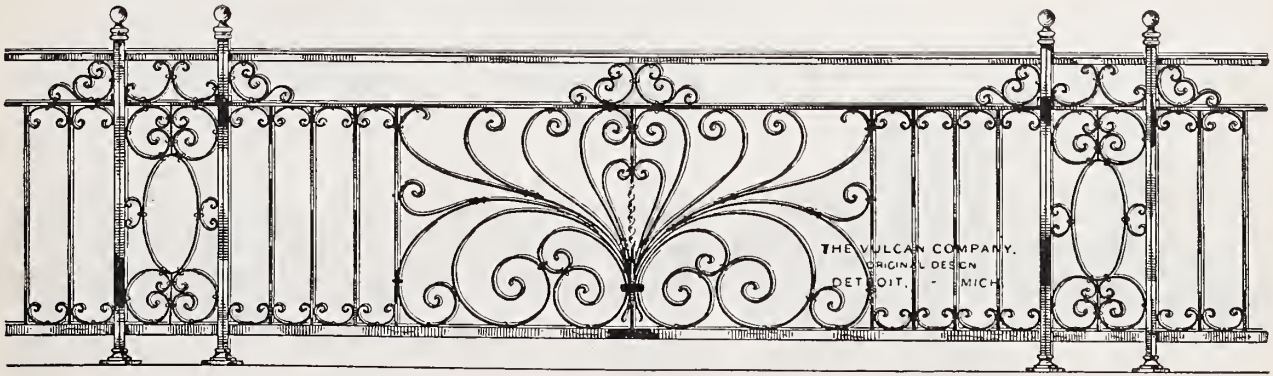
WROUGHT IRON BALCONY RAILING.

33 to 36 inches high. Price, per foot..... $1 75

We now use later pattern rosette.

Send diagram when writing for prices.

Our work is handsome, durable and well made



DESIGN NO C—61

ORNAMENTAL WROUGHT STEEL BALCONY RAILING.

Usually made 30 inches high Any height made to order

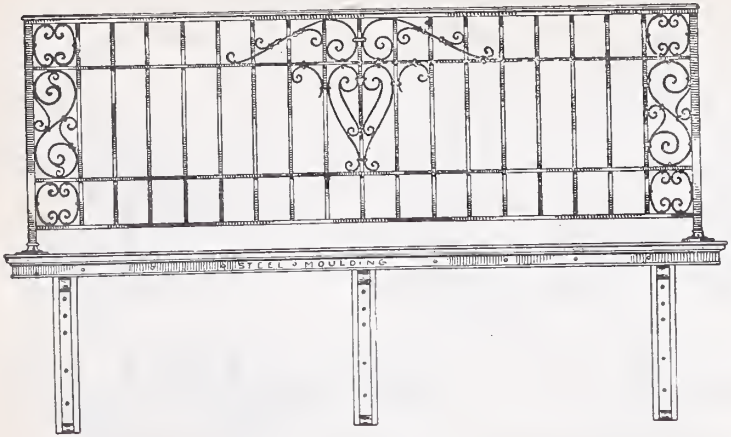
Approximate price, per running foot ..... $3 25 to $3 75

Send floor plan, stating height desired, and other particulars for net prices.

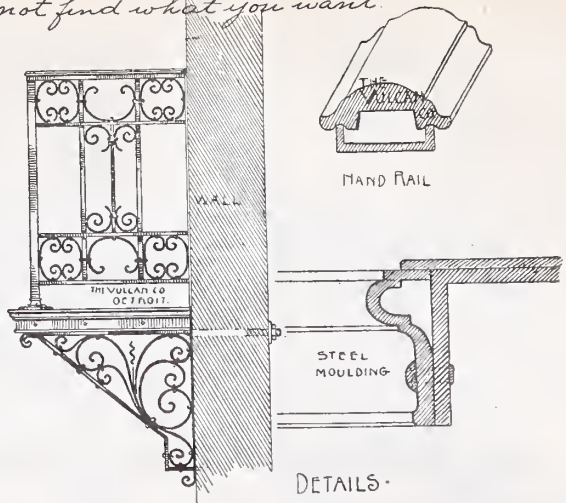
We ask for measurements and particulars, as often an addition of several feet in length only adds a few plain inexpensive uprights All work is carefully fitted and painted ready to set in place Black paint unless ordered otherwise

Panels of the above are often used between walls, columns or other structural members Either of the above railings can be given modern electro-plate finishes for interior use. Ask for prices.

Let us submit a special sketch, if you do not find what you want.



FRONT ELEVATION



END ELEVATION.

HAND RAIL

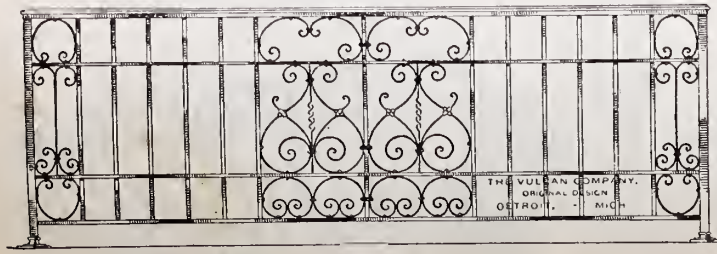
DETAILS.

DESIGN NO. C—58.

ORNAMENTAL WROUGHT IRON BALCONY.

Above illustration shows a complete wrought iron balcony, with brackets, steel slat floor, ornamental rolled steel mouldings. Wrought iron hand rail. The details (one-half full size) show general shape of moulding and hand rail, as used in ordinary construction. Can be made any length or depth. These railings and brackets are frequently used with wood or other floor material.

Send particulars when writing for prices, giving length and depth wanted, thickness of wall, etc. An elevation of the building aids us in determining how heavy material should be used.



DESIGN NO. C—59.

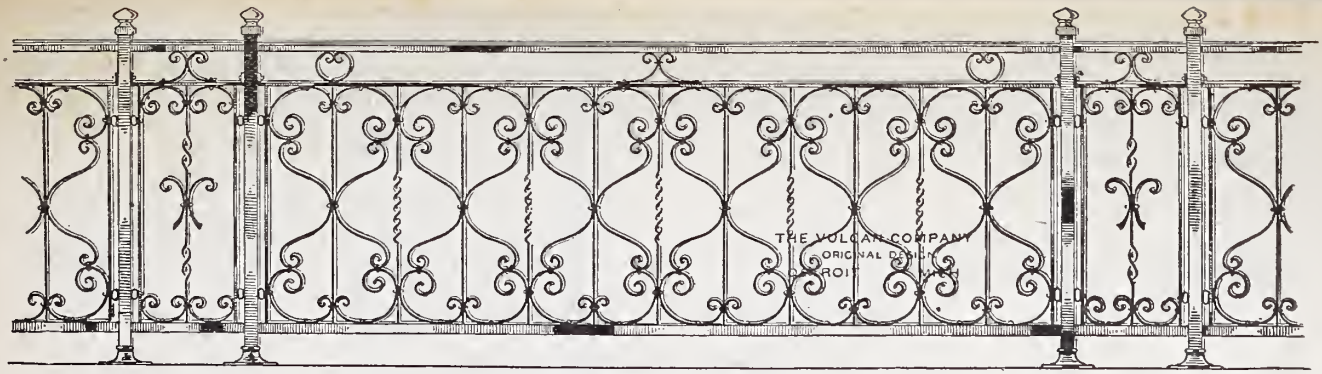
ORNAMENTAL WROUGHT IRON BALCONY RAILING.

Usually made 30 to 36 inches high. Painted black.

Approximate price per linear foot..... **$2 50 to $3 00**

We are unable to quote this work exact, in absence of particulars of what is wanted. Send floor plan with measurements, stating desired method of attaching to wall, when we will quote special net price. In absence of any specified agreement as to price, we will make and bill the work as reasonably as if quotation had been made.

Artistic and substantial work guaranteed



VULCAN DESIGN NO. K—109.

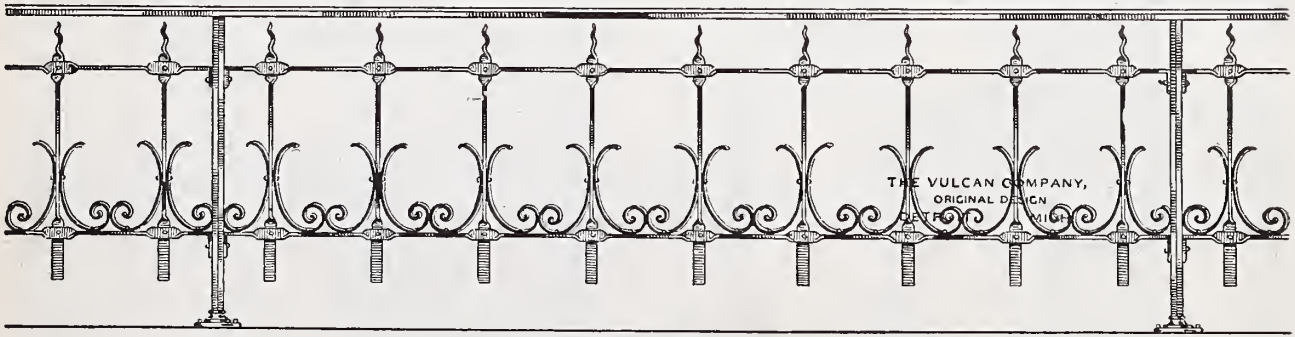
ORNAMENTAL WROUGHT STEEL BALCONY RAILING.

Usually made about 30 inches high. Any height made to order.

Approximate price, per running foot.....$2 75 to $3 00

Send floor plan, stating height desired and other particulars, for net prices.

Painted black unless ordered otherwise.



VULCAN DESIGN NO. K—110.

ORNAMENTAL WROUGHT STEEL BALCONY RAILING.

Usually made about 30 inches high. Any height made to order.

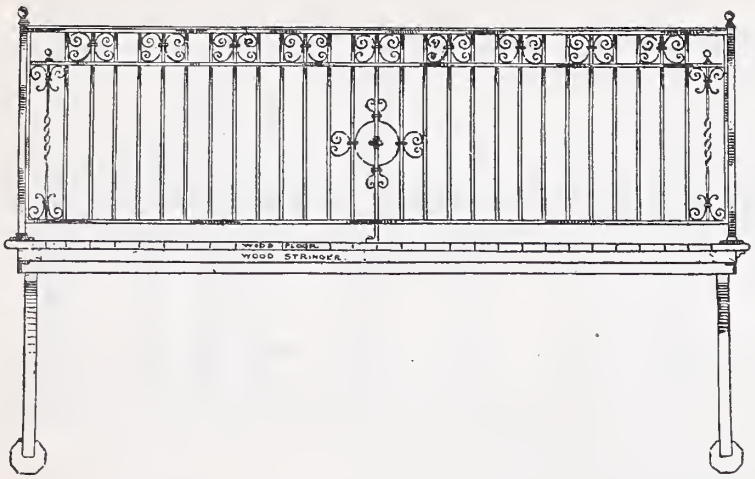
Approximate price, per running foot.....$2 00

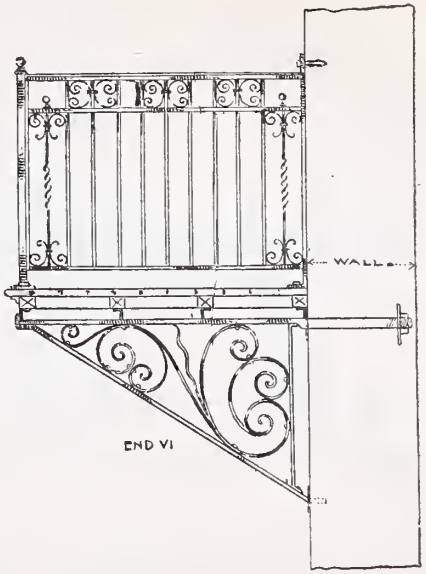
Send floor plan, stating height desired and other particulars, for net prices.

Painted black unless ordered otherwise.

It is not possible to make exact prices on this class of work without details as to quantity, shapes, sizes, etc.

We guarantee accurate and artistic workmanship in every respect.





VULCAN DESIGN NO. N—464.

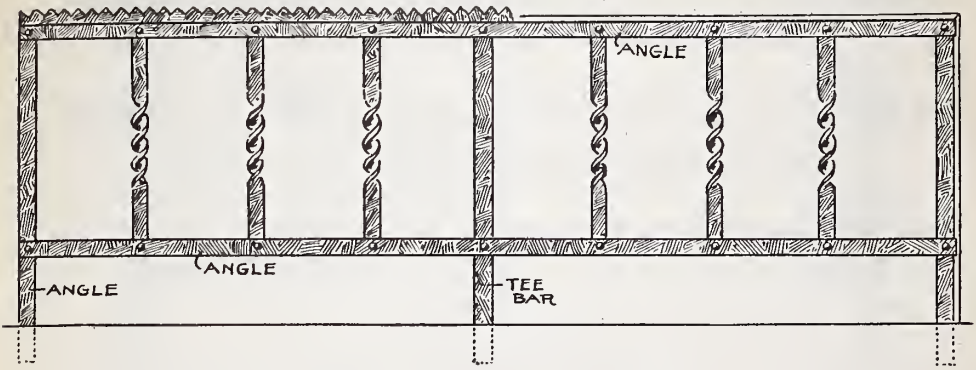
Ornamental Wrought Iron Balcony Railing and Brackets.

The floor construction shown is wood, but can be all steel is so desired. We usually furnish steel angles for wood stringers to rest on. These angle stringers are supported by ornamental wrought iron brackets as shown above. Brackets have shanks to go through wall. Nut and washer can be obscured behind plaster, if desired.

Approximate price per linear foot, 33 to 36 inches high	$3.00
Brackets with shanks through wall, 36 inch extension, each	8.00
Posts on corners, each	2.50

Price depends somewhat on quantity ordered. When writing for prices, state length and depth desired; also any information you think will be of interest, and we will quote net prices delivered at your station. Special sketches furnished where catalog designs are not satisfactory.

All our work is first class and will give complete satisfaction.

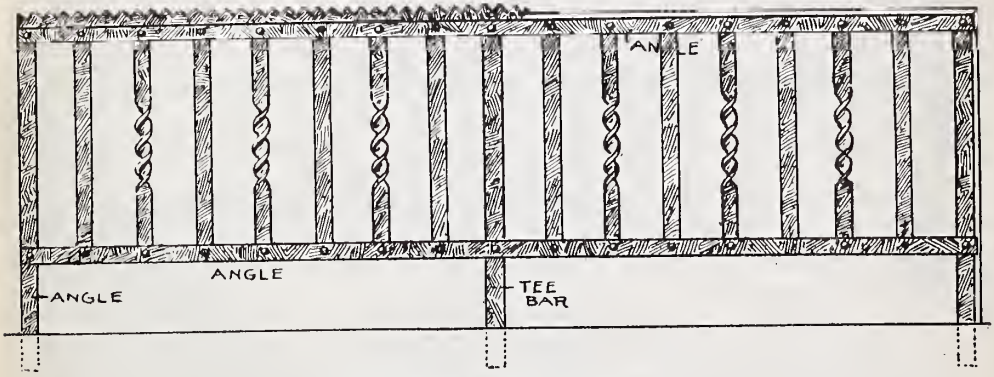


VULCAN DESIGN NO. N—465.

Wrought Iron Railing.

This is an inexpensive design for enclosing areas, well holes, balconies, etc., intended where something cheap is desired. The rail can have uprights extended to set into concrete or stone, or with feet to screw to wood. Usually painted black. Rail at left hand has sharp discomforters on top to prevent loafers from sitting down.

Price, 36 inches high, per running foot.....$1.25
Loafer points, extra, per foot..... .25



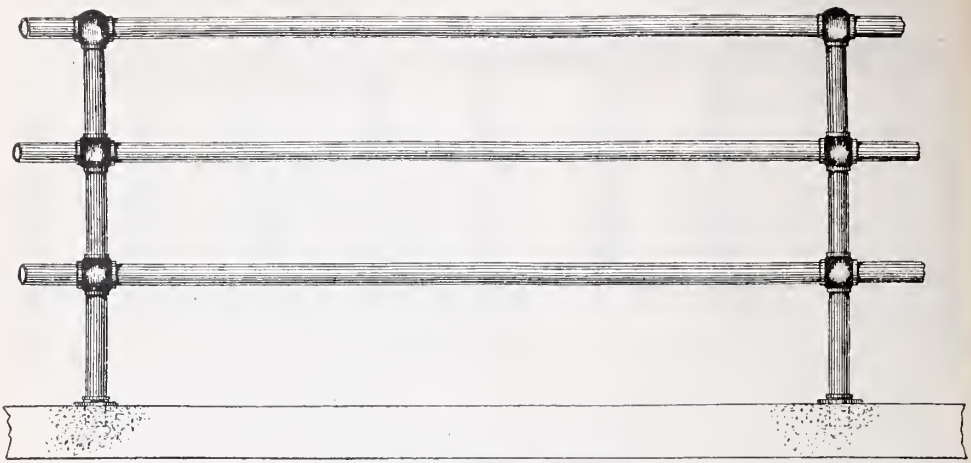
VULCAN DESIGN NO. N—466.

Wrought Iron Railing.

This railing is the same as the one shown above with closer set filling bars. Read description above.

Price, 36 inches high, per running foot.....$1.50
Loafer points, extra, per foot..... .25

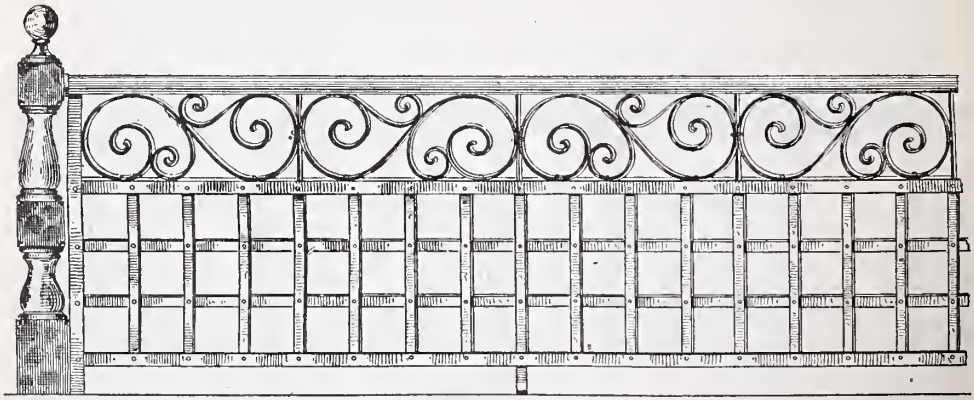
Send diagram giving size desired, state how ends will be fastened, what kind of floor it sets on and any information that is pertinent to give us a clear idea of what is wanted.



VULCAN DESIGN NO. K—124.

TUBULAR RAILING.

We are in a position to furnish tubular fences of all kinds. Made with one, two, three or more rails. Sizes of pipe, 1¼ inch, 1⅝ inch, 1⅞ inch and 2⅜ inch outside diameter. Ball fittings. Posts to set in ground or concrete, or fasten to stone or cement base. Prices depend on quantity desired. When writing for prices, send diagram showing total length, state number of horizontal rails wanted, number of curves or bends, if any. We can make anything you desire in this line. Made galvanized or painted black.



VULCAN DESIGN NO. K—125.

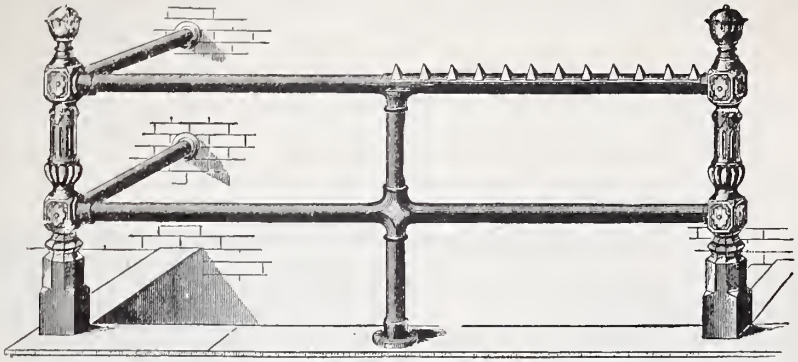
WROUGHT IRON RAILING FOR BRIDGES, ETC.

This design is substantial and artistic. The hand rail is generally made of pipe 2 inches or 2⅜ inches diameter. Frame work of angle Lattice work of 1 inch wide heavy flat iron. Scroll work forged in artistic manner of heavy stock. Complete specifications furnished upon receipt of particulars. Prices depend on QUANTITY and weight of materials used. Send plan showing how many feet you desire and number of terminal posts. Intermediate posts are made of angle or tee iron with suitable bracing.

This is only one of the many styles we can make. We can furnish plainer or more elaborate rails and will be pleased to submit sketches upon receipt of information that will enable us to figure understandingly.

WILL BE PLEASED TO SUBMIT SPECIAL DESIGNS FOR WROUGHT IRON PANELS FOR FILLING OPENINGS IN RAILINGS BUILT OF STONE OR CEMENT.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



DESIGN NO. C—80.

TUBULAR AREA RAILING.

Price, 1⅝ inch outside diameter rails, without Loafer Points, per running foot..... 90
With Loafer Points..... $1 10
Cast Newels, each..... 4 75

All fitted ready to set in place.

Heavier rails can be used if desired, costing more.

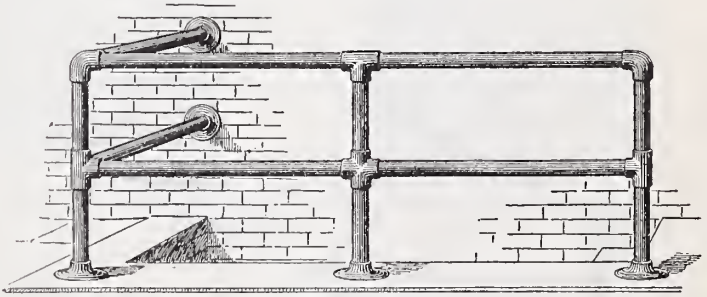
DESIGN NO. C—81.

TUBULAR AREA RAILING.

1⅝ inches outside diameter rails, per foot (two)..... 90
Posts, extra, each..... $3 00

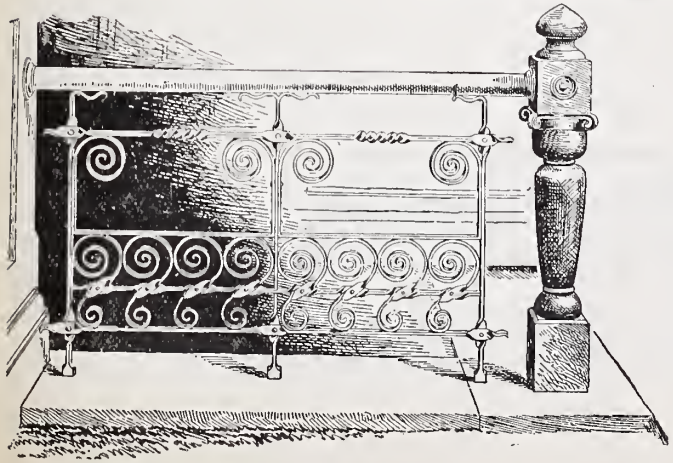
Made any shape or size.

Heavier rails can be used if desired, costing more.



DESIGN NO. C—81.

We can furnish this work all galvanized instead of painted, costing more.

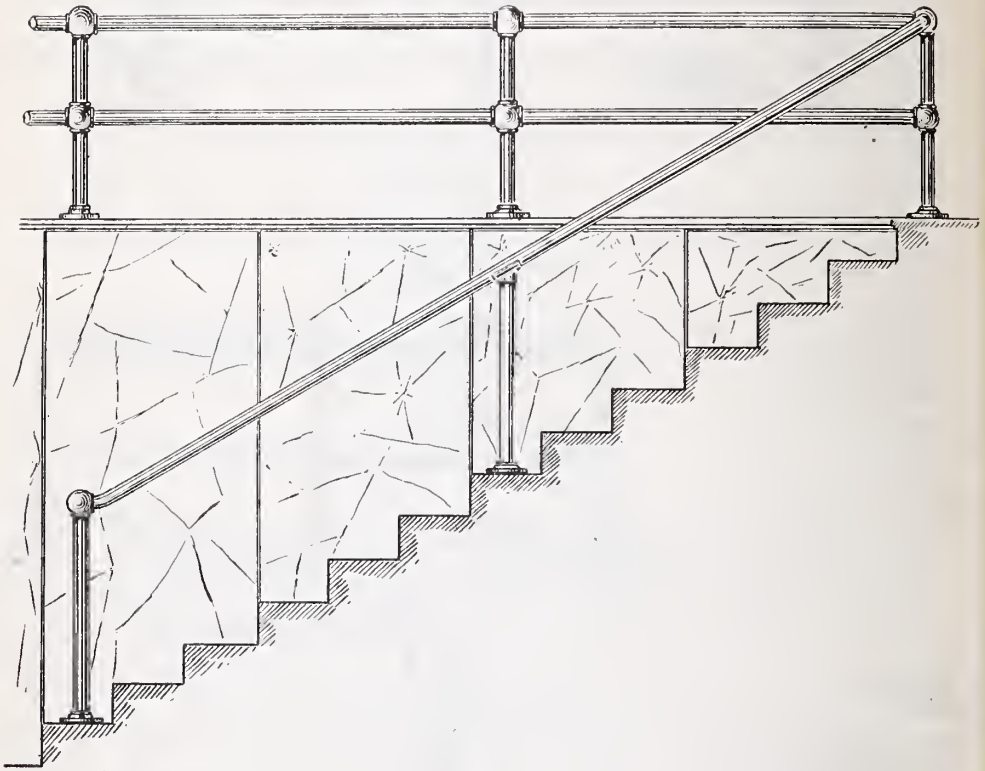


DESIGN NO. C—82.

1⅝ inches outside diameter top rail, heavy wrought scroll filling, 36 inches high, per running foot..... $3 50
Extra for each Newel Post..... 6 00

Send sketch or plan for special prices.

Heavier rails can be used if desired, costing more.



VULCAN DESIGN NO. N—467.

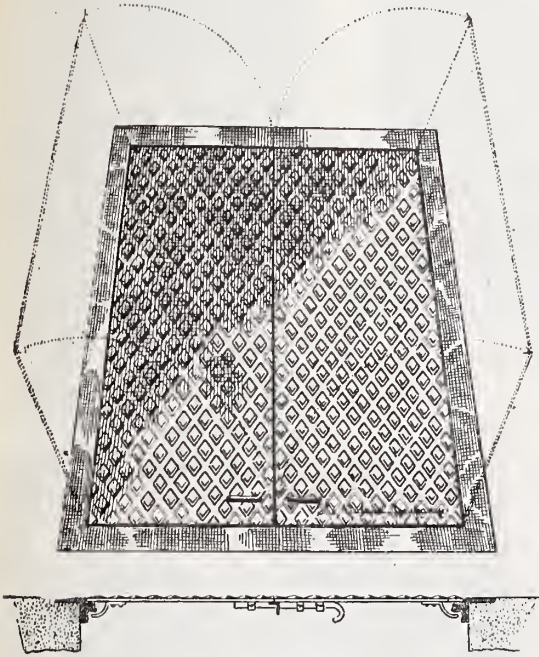
Tubular Railing for Enclosing Well Holes, Areas, and Stairs.

Above style can be made in iron or polished brass or any other finish desired. Size of tubing from 1¼ inch diameter to 3 inch.

We will quote prices upon receipt of plan or sketch of work desired, which please make as explicit as possible. Complete information will enable us to quote close prices.

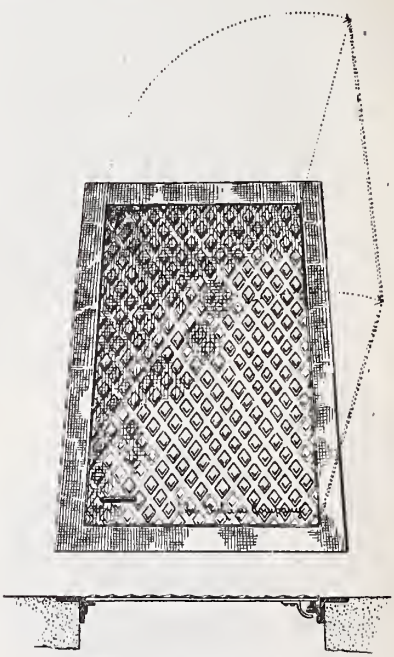
We can furnish this work to fit any angle, curves, or irregular shape desired.

FLUSH TOP WROUGHT STEEL SIDEWALK DOORS.



VULCAN DESIGN NO. K—64.

VULCAN FLUSH TOP DOUBLE SIDEWALK DOORS.



VULCAN DESIGN NO. K—65.

VULCAN FLUSH TOP SINGLE SIDEWALK DOOR.

These doors are all wrought steel. Doors are formed of heavy rolled steel plates with diamond "Neverslip" surface. Separate outer frame usually of 3 x 3 angle. Fitted with lifts, slide bolts, etc., complete, ready to set in place. Painted black. Any size made to order.

VULCAN DESIGN NO. K—64.		VULCAN DESIGN NO. K—65.	
Size 4 ft. x 4 ft.,	$40 00	Size 2 ft. x 3 ft.,	$20 00
Size 4 ft. x 5 ft.,	45 00	Size 2 ft. x 4 ft.,	24 00
Size 4 ft. x 6 ft.,	50 00	Size 3 ft. x 4 ft.,	28 00

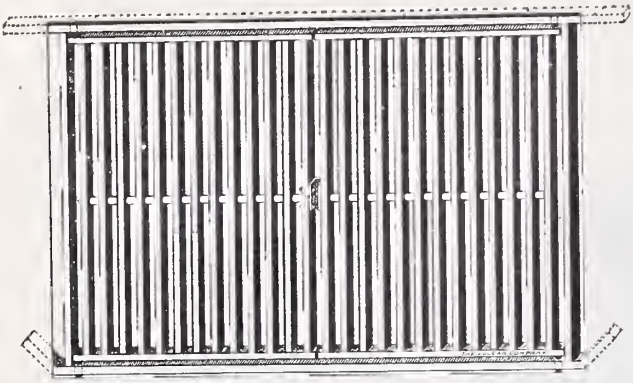
SIZES GIVEN ARE OPENINGS IN WALK.

Other sizes cost in proportion. These doors are not carried in stock. We make them to order only. In ordering, give size of opening in walk and show which way doors are to swing. These doors are not absolutely water tight. Flush top doors cannot be made perfectly water tight.

We can furnish above style doors made to lap on top of outside frame and knuckle hinges (not flush top) costing a little less.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

SIDEWALK DOORS.



VULCAN DESIGN NO. K—62.
WROUGHT IRON GRATING SIDEWALK DOORS.

VULCAN DESIGN NO. K—62.

WROUGHT IRON GRATING SIDEWALK DOORS.

Made to order to fit any size opening.

Medium weight, 1¼ x ¼ in. filling. 1¼ in. apart. Frames in proportion.

Heavy weight, 1½ x ⅜ in. filling. 1¼ in. apart. Frames in proportion.

Price, Medium weight, size 5 x 4 in....$26 00
Price, Heavy weight, size 5 x 4 in..... 30 00

Other sizes in proportion.

Single doors made to fit any size opening cost less than double doors.

VULCAN DESIGN NO. K—63.

ILLUMINATING CONCRETE SIDEWALK DOORS.

Made to order to fit any size opening.
Price, size 4 ft. x 5 feet, complete.....$60 00
Price, size 5 ft. x 6 feet, complete..... 70 00
Other sizes in proportion.

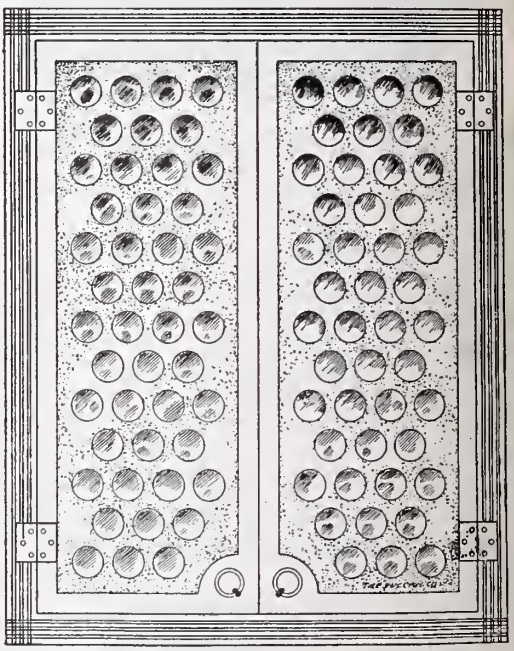
ILLUSTRATION SHOWS DOORS THAT ARE FLUSH TOP DOORS.

Our flush top doors are best for general use, as there are no projections above sidewalk line for stubbing toes, etc. Flush top doors cannot be made absolutely water tight.

We also make these doors with RAISED top, having water flange or frame, making them watertight. Price is the same as above.

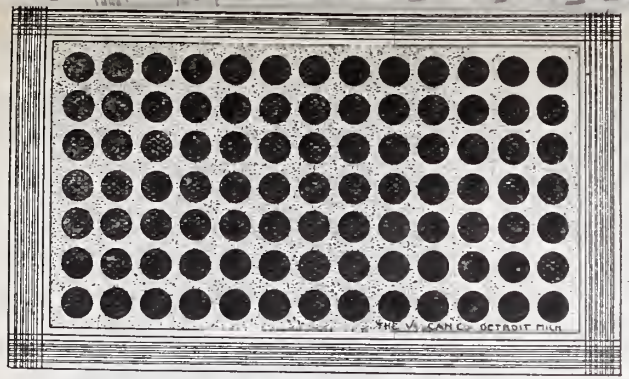
We can make Single Doors similar in construction to above at proportionate prices.

Prices given above are for over-all size, including frame.



VULCAN DESIGN NO. K—63.
ILLUMINATING CONCRETE SIDEWALK DOORS SET IN CAST FRAMES.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



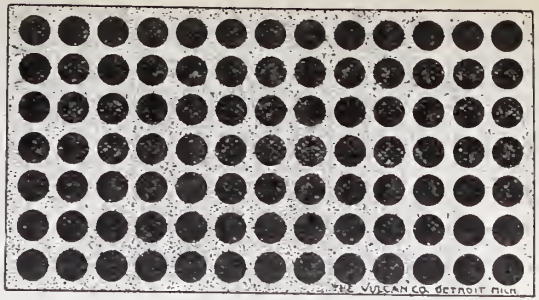
DESIGN NO. C—87.

ILLUMINATING CONCRETE SIDEWALK TILING WITH CAST MARGINAL FRAME.

Lenses about 3 inches in diameter, set in iron frame and concrete. Smooth surface and non-slippery.

Price, plain lenses, per square foot.....$2 00
" refraction lenses, per square foot 3 50

See below.



DESIGN NO. C—88.

ILLUMINATING CONCRETE SIDEWALK TILING WITHOUT MARGINAL FRAME.

Construction same as Design No. C-87, but without the marginal frame.

Price, plain lenses, per square foot.....$1 90
" refraction lenses, per square foot 3 40

See below.

Always send full particulars and get our net prices on large quantities, **laid down at your station,** Irregular shaped pieces cost extra. Can be fitted with trap doors, manholes and covers, etc., if desired costing extra.

Special price in quantities. Always send particulars when writing for prices.

DESIGN NO. C—89.

IMPROVED REFRACTING LENSE SIDEWALK TILING.

Iron and concrete work and top appearance same as Designs No. C-87.

Price, per square foot, see above.
With or without marginal frame.

Always send full particulars and get special net prices.

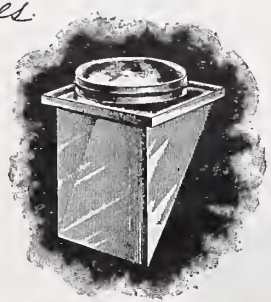
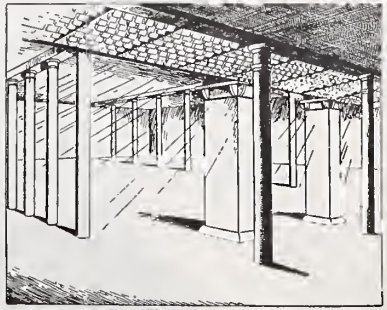


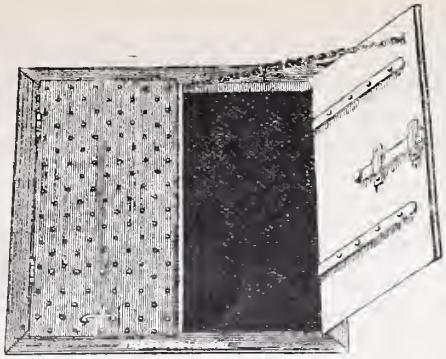
ILLUSTRATION SHOWING OUR REFRACTING LENSE.

This glass is the strongest refracting shape that can be made; we have scientifically arranged flat planes relatively towards each other, allowing the greatest amount of light to pass through and be diverted into basements, in lines almost parallel with ceilings but slightly dipping downward from front to rear.



ILLUSTRATING THE EFFECT OF REFRACTING LENSES.

The utility of square faced drop pendant sidewalk glass can not be too highly estimated, but architects and builders should endeavor always to support their sidewalk lights on the bottom flange of the I beam, never on top as the beam then acts as an iron curtain to cut off the rays of light.



DESIGN NO. C—83.

STEEL PLATE SIDEWALK DOORS AND FRAME.

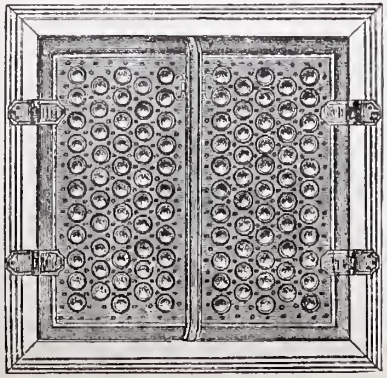
With knobbed top to make it non-slippery.

Price, complete and ready to set, made of ¼ in. steel plate, heavy hinges, bolt, chain, separate angle steel frame for opening, 4 ft. x 4 ft. 6 in. $45 00

Any size made to order.

We also use diamond pattern plates for these doors at about equal price.

Get our price on our FLUSH TOP doors



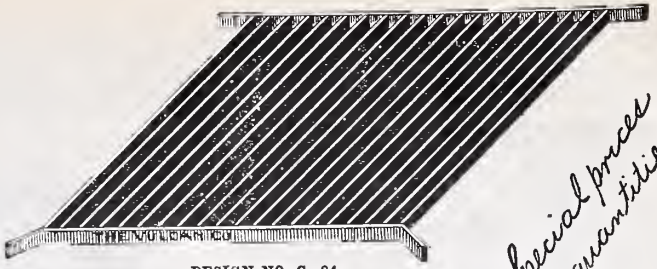
DESIGN NO. C—85.

ILLUMINATED (HYATT) CAST SIDEWALK DOORS.

With separate frame to set in stone or cement walk.

Price, complete ready to set, size 4 ft. x 5 ft. over all.....$60 00

Write for prices on other sizes, stating size over all.



DESIGN NO. C—84.

WROUGHT IRON SIDEWALK GRATING.

Standard size material, 1¼ in. x ¼ in. filling, 1½ in. x ⅜ in. frame.

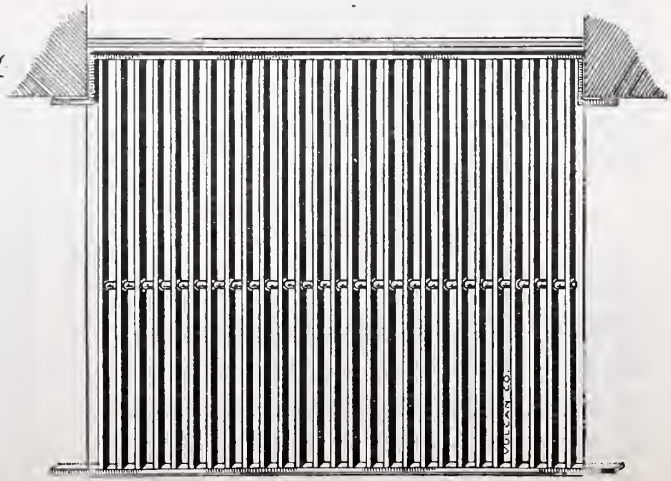
Price, per square foot 95c

Can be made any shape or size desired.

If hinged, costs a little extra.

Special prices in quantities.

We can supply about every description of sidewalk metal work, such as illuminated tiling, slat grating, round, square and hexagon coal-hole covers—these latter with or without separate ring or thimble frames.



DESIGN NO. C—86.

WROUGHT IRON SIDEWALK GRATING.

Extra heavy construction for large openings, with row of thimbles (bridging) through center, 1½ in. x ⅜ in. filling, 2 in. x ½ in. frame.

Price, per square foot $1 20

Send diagram showing sizes for special net price. On narrow grates the center bridging is omitted. Grates can be made to hinge at slight extra cost.

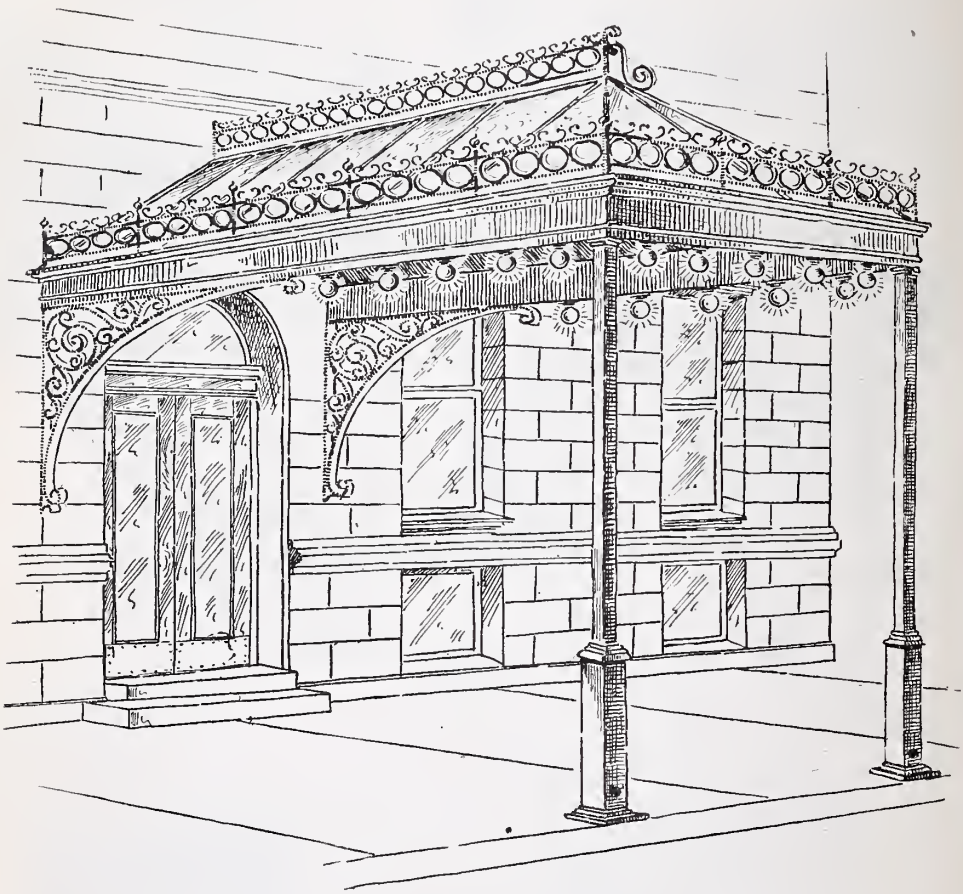
VULCAN DESIGN NO. N—468.

Ornamental Wrought Iron Suspended Porte Cochere for Entrance to Hotels, Theatres, Office Buildings, Apartment Houses, etc.

Above illustration shows an ornamental wrought iron Porte Cochere or Portico, suspended from hooks bolted through wall, to which hanger rods or chains are attached. Cornice is usually formed of wrought iron, wall ends are anchored into wall. Ornamental cresting of grey or wrought iron. Roof is formed of wire glass ¼ inch thick, set in copper or galv. iron frames, so as to be watertight, with gutters all around and conductor pipe at wall or sport at curb line.

In writing for prices send us complete information relative to building front, also dimensions desired. We will submit details and full particulars when quoting price.

We can make other designs or figure from architect's plans and specifications.

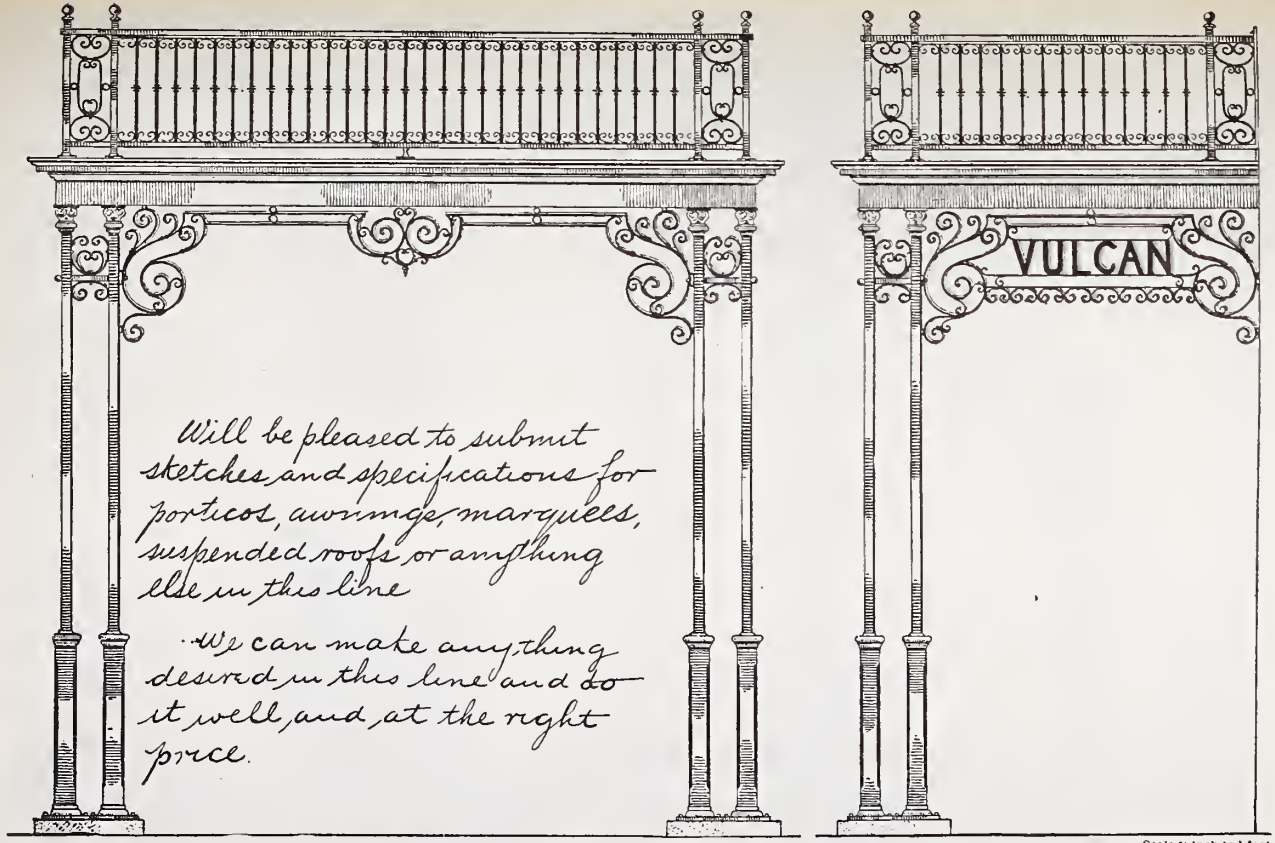


VULCAN DESIGN NO. N—469.

Ornamental Wrought Iron Porte Cochere for Entrances to Hotels, Theatres, .. Apartment Houses, etc.

Above illustration shows an ornamental wrought iron Porte Cochere or Portico. Can be made in any size or shape. The roof is usually made of wire glass set in copper or galv. iron frames. Cornice, crestings, brackets are made of wrought iron. Columns of square pipe with cast bases. Full particulars on application. In writing for prices, state length, depth and height desired, and send elevation of front of building where this is to set, giving us all details possible, so we can form a good idea of the requirements.

We can submit other designs or figure on architect's plans or specifications.


VULCAN
Will be pleased to submit sketches and specifications for porticos, awnings, marquees, suspended roofs or anything else in this line
We can make anything desired in this line and do it well, and at the right price.

FRONT VIEW END VIEW Scale ⅜ inch to 1 foot

DESIGN NO. C-79.

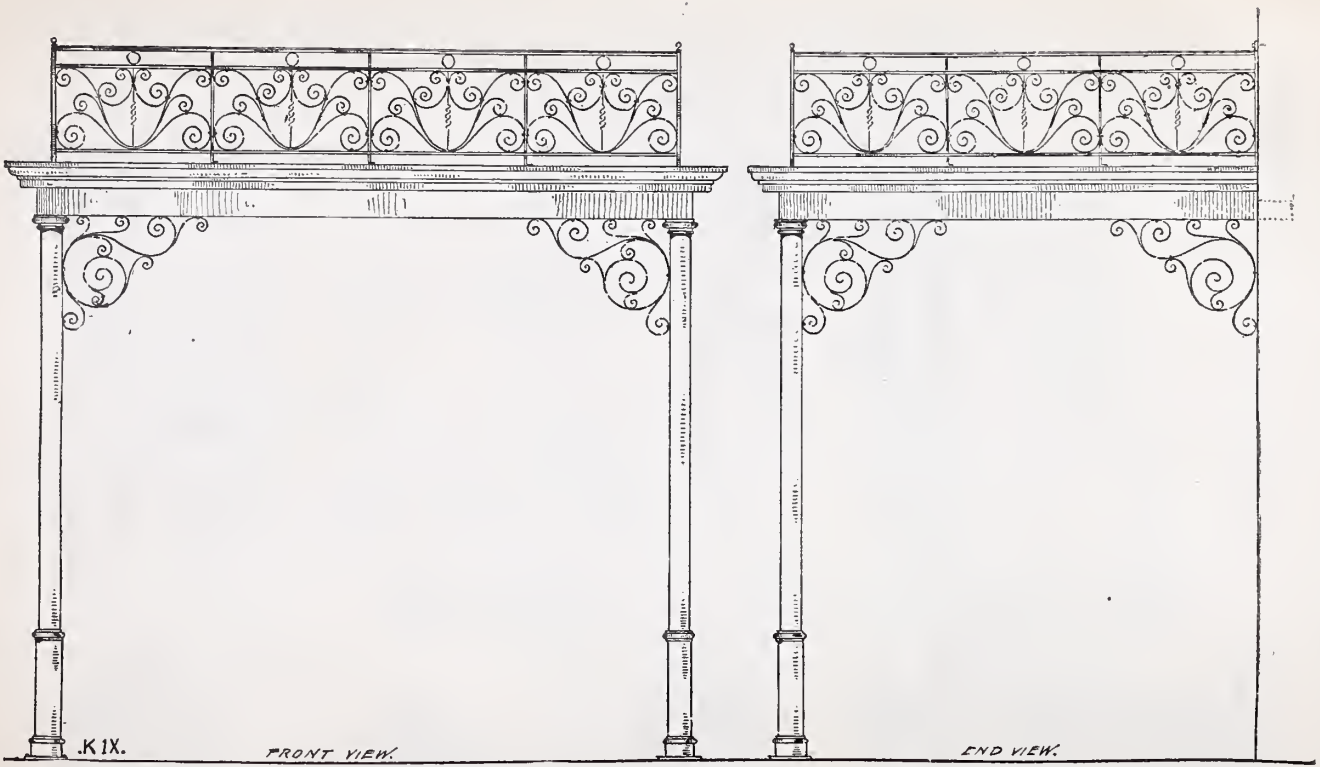
PORTICO FOR HOTELS, THEATRES, FLATS, ETC.

Above illustration shows a Portico to extend across sidewalk from building to curb, such as is used on various public buildings, etc. We merely show this to give an idea of the usual construction and will be pleased to make suggestions and sketches to meet individual tastes and requirements.

SPECIFICATIONS OF ABOVE DESIGN: Columns of wrought steel tubing, with cast base and cap. Ornamental forged scroll frieze. Appropriate name gilded on face side. I beam stringers. Cornice of copper or galvanized iron. Ornamental forged scroll hand railing.

Prices and complete specifications submitted on receipt of particulars that will enable us to quote understandingly

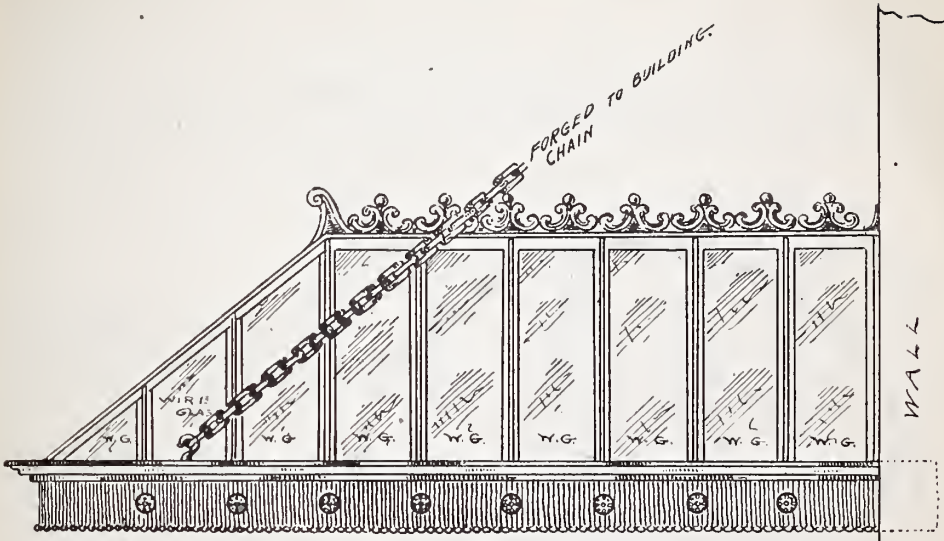
REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.



VULCAN DESIGN NO. N—470.

Portico for Hotels, Theatres, Business Blocks, etc.

This illustration shows a Portico supported by two cast columns. Ornamental wrought scroll brackets and railing for roof. Roof construction can be of wood furnished at home or of I beams and galvanized or copper cornice. Send plan showing size wanted and sketch of building where work it to set. Complete specifications furnished with estimate.

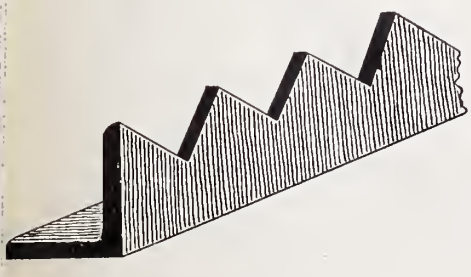


VULCAN DESIGN NO. N—471.

Suspended Marquise Over Doorways of Public Buildings, Hotels, etc.

Usually made with Wire-Glass Roof.

We will be pleased to figure on work of this nature upon receipt of complete information of what is wanted. Architect's plans carefully followed or we will submit sketches of what we can furnish.



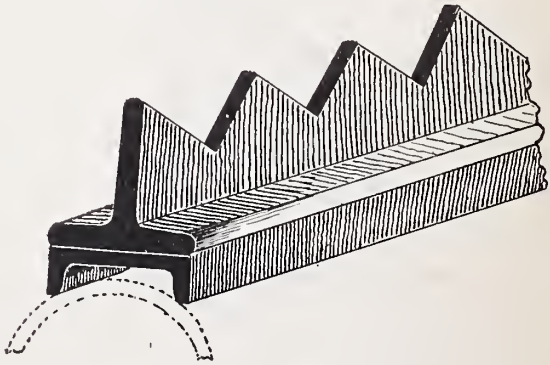
VULCAN DESIGN NO. N—472.

Wrought Iron Loafer Points.

Made in any length desired and drilled to screw to flat surface.

Illustration is about half full size.

Price, per running foot.....20c



VULCAN DESIGN NO. N—473.

Wrought Iron Loafer Points.

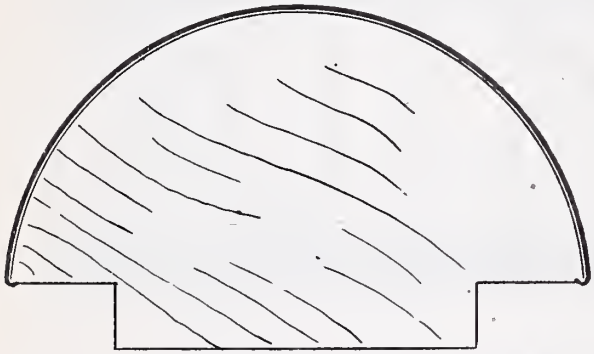
Made any length desired and intended to screw on gaspipe. Always give outside diameter of pipe when ordering. Can also be screwed to flat surface.

Price, per running foot.....35c

These loafer points are WROUGHT IRON. They are very effective and cannot be broken.

WOOD CORE METAL COVERED SASH BARS FOR STORE FRONTS.

Illustrations show full size bars.



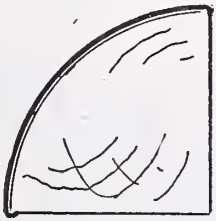
VULCAN DESIGN NO. N—71.

Extra Heavy Division Bar.

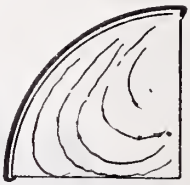
For very large lights of glass. Price, per running foot.....$1 00

Price is for polished brass, copper or bronze.

Nickel plating or oxidized copper finish, add 25c per foot.



VULCAN DESIGN NO. N—120.



VULCAN DESIGN NO. N—140.

Quarter round bars for filling in at ends, bottom, and top of store fronts. See illustrations on pages 114 and 115.

Price, per running foot.....40c

Price, per running foot.....35c

Prices are for polished brass, copper or bronze.

Nickel plating or oxidized copper finish, add 15c per foot.

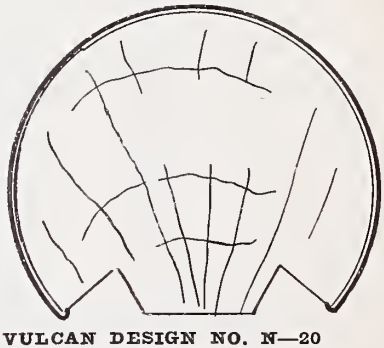
WOOD CORE METAL COVERED SASH BARS FOR STORE FRONTS.

Illustrations Show Actual Size of Bars.

VULCAN DESIGN NO. N—10.

Corner Post for Store Front.

Price, per running foot.....$1 00

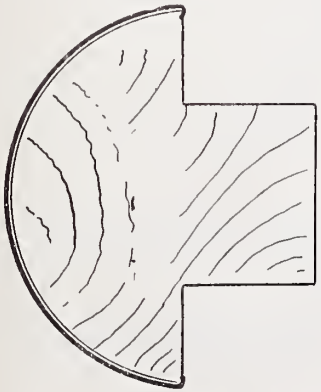


VULCAN DESIGN NO. N—20

Corner Post for Store Front.

Price, per running foot.....85c

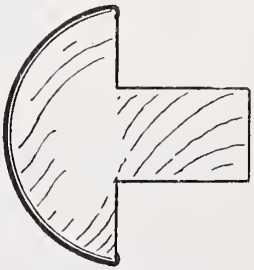
The above price is for polished brass, copper, or bronze covering.
If nickel plated or oxidized copper finish, add 20c per foot to the list price.
These are made to fit glass set at any angle. See pages 114 and 115 showing how these bars are used.



VULCAN DESIGN NO. N—60.

Transom Bar or Division Bar.

Price, per running foot.....70c



VULCAN DESIGN NO. N—70.

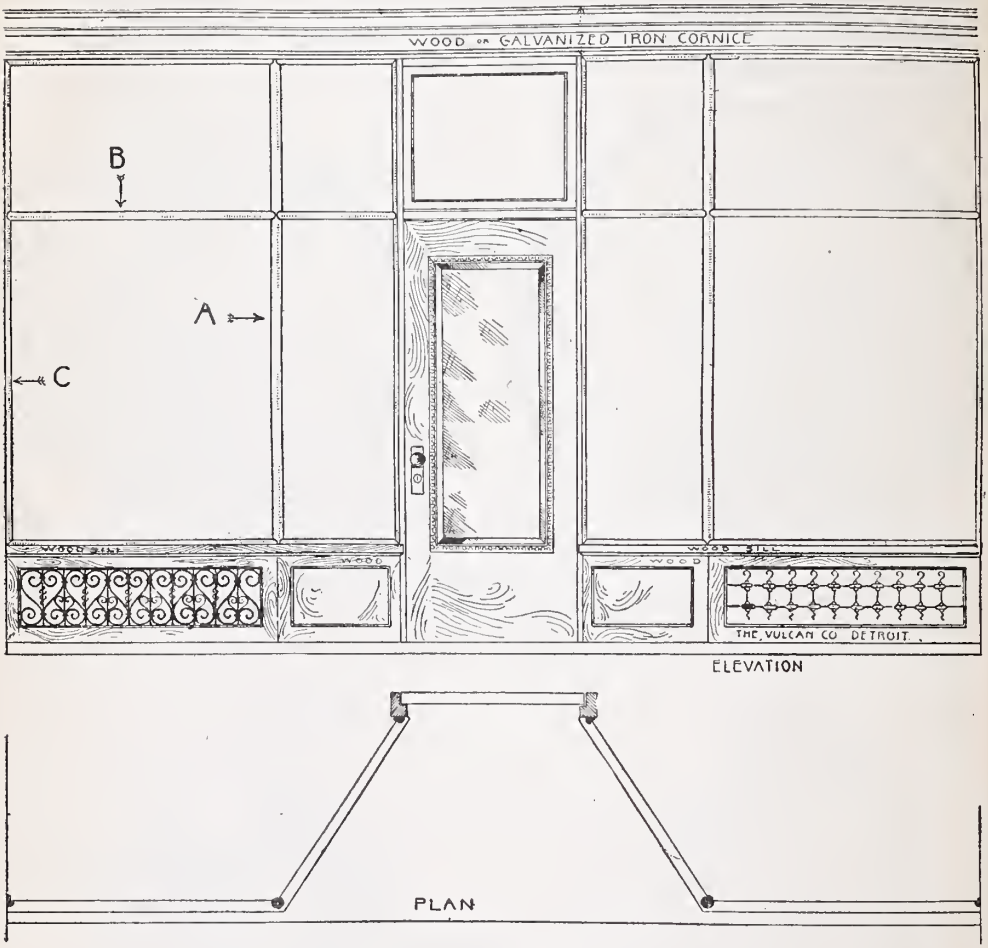
Transom Bar or Division Bar.

Price, per running foot.....60c

Above price is for polished brass, copper or bronze covering.

Nickel plated or oxidized copper finish, 20c per foot extra.

Special price in quantities.



VULCAN DESIGN NO. K—129.

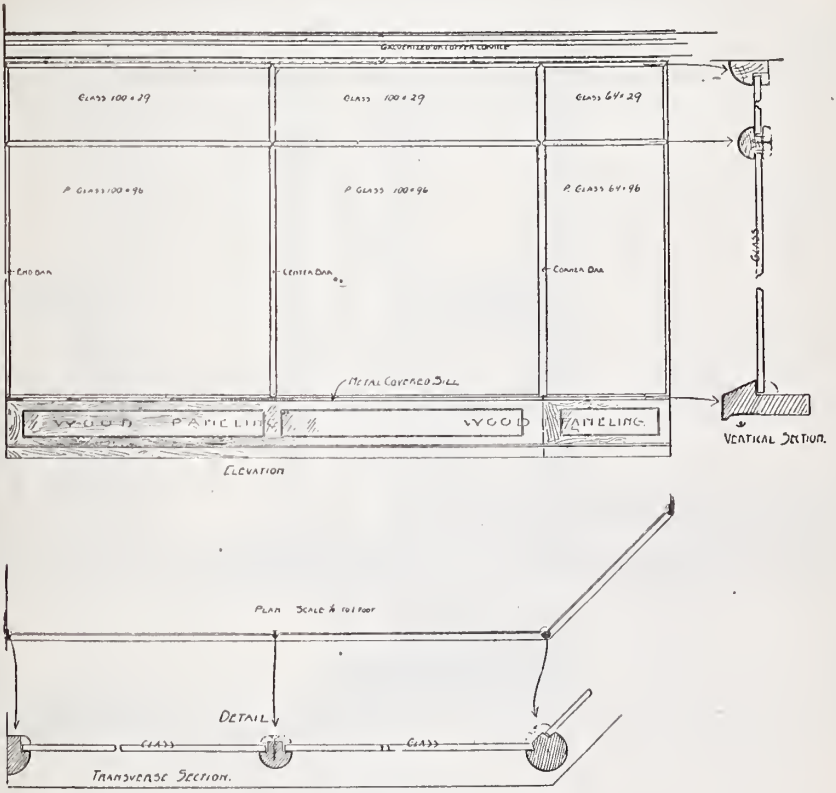
Above illustration shows how our metal-covered, wood core, sash bars can be used. When ordering or writing for special prices, send a diagram and full particulars. We can mitre the bars and fit them complete ready to set in place, making a reasonable extra charge for fitting. If you desire us to fit the bars, send diagram giving all necessary measurements, size of glass, etc. Builders usually do their own fitting. Ordinary carpenters' tools only required.

Curved bars for bent glass cost extra.

WE WILL BE PLEASED TO SUBMIT SPECIAL SKETCHES GIVING NEW IDEAS FOR STORE FRONTS AT ANY TIME.

See pages 112 and 113 for prices.

WOOD CORE METAL COVERED SASH BARS—BEST QUALITY.



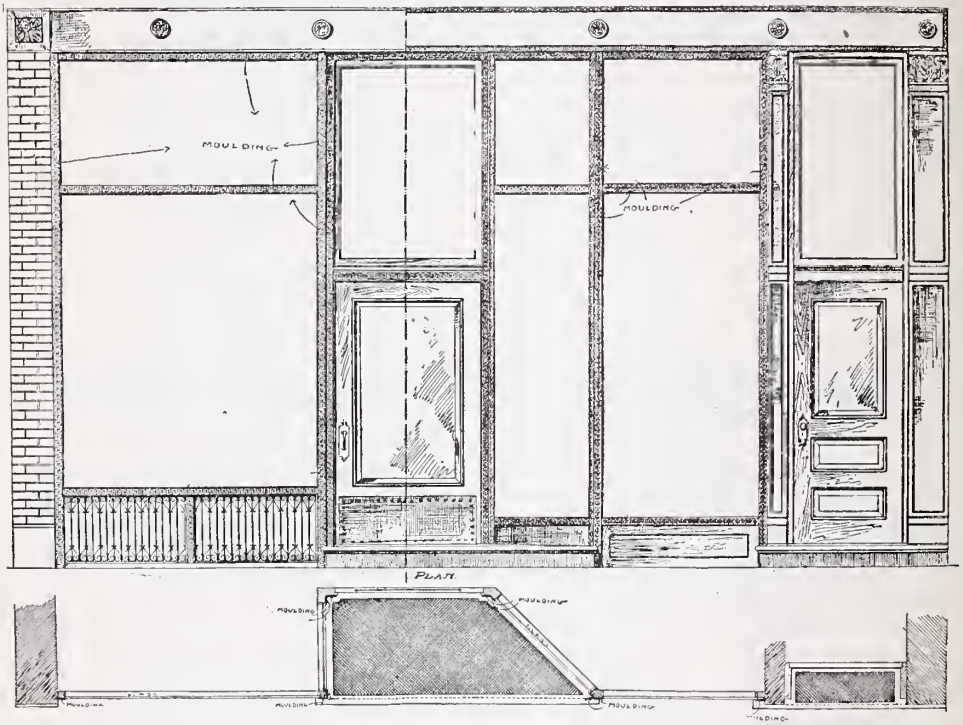
DESIGN NO. C—131.

Above illustration shows how these bars are used in building a modern store front. If customers will send us a similar diagram, giving sizes of glass and full particulars, we can mitre and fit the bars, complete, ready to go together. Our price on bars does not include fitting. **We make this charge reasonable in all cases.** It is not necessary to use metal covered sill and end mouldings. Frequently these are made of wood in the usual way (furnished by customer) and metal covered bars used for corners and division bars only. We can furnish curved bars for bent glass, costing extra for curving.

We will be pleased to submit special sketches and ideas at any time.

See pages 112 and 113 for prices.

ORNAMENTAL ROLLED IRON MOULDINGS FOR MODERN STORE FRONTS.



VULCAN DESIGN NO. K—131.

STORE FRONT.

Above illustration shows how our ornamental rolled iron mouldings are applied as facings of wood frame work. Mouldings are cut to length and applied to wood work with countersunk screws. Moulding patterns and prices are shown on page These mouldings are usually painted one coat at factory and after erection can be repainted in any desirable color.

We will be pleased to submit sketches and ideas upon receipt of particulars of what is wanted.

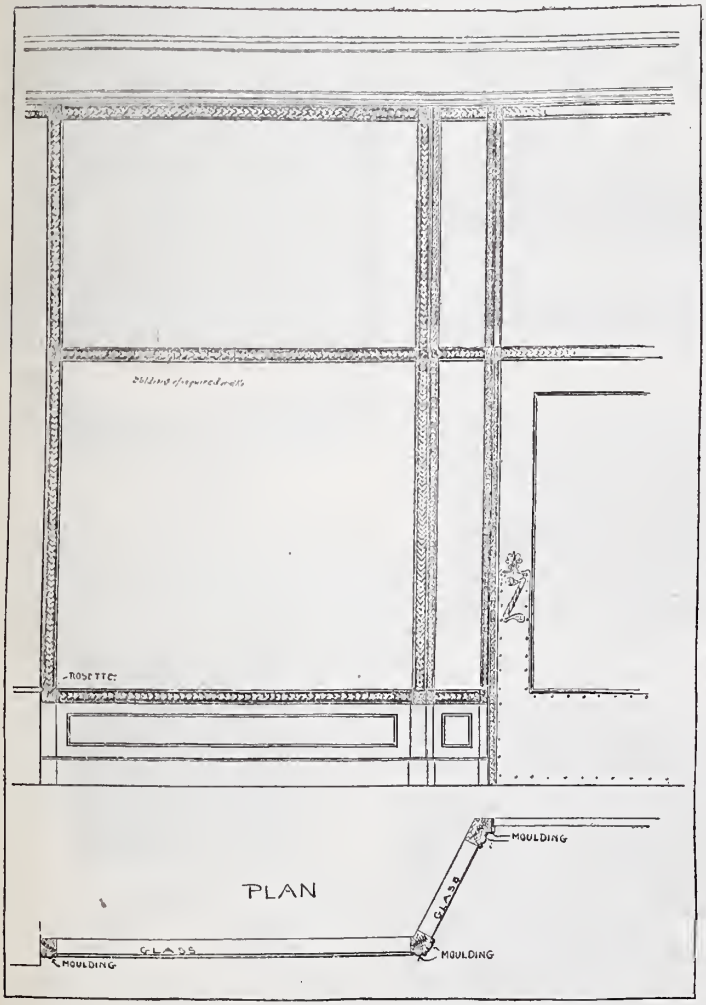
Mouldings can be polished and electroplated in duplex copper, costing extra. Prices quoted on application.

These materials are extensively used, giving an elaborate finish to an otherwise inexpensive construction.

When once applied this artistic feature cannot be defaced,

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

ORNAMENTAL ROLLED IRON MOULDINGS FOR MODERN STORE FRONTS.



VULCAN DESIGN NO. K—132.

STORE FRONT.

This illustration shows how our ornamental rolled iron mouldings and rosettes are applied as facings for wood frame work.

Mouldings are cut to the required length and drilled for countersunk screwholes. Ornamental rosettes are placed at corners and intersections.

We usually supply these mouldings in one coat of paint, and after erection they can be painted in any desired shade.

See designs of mouldings and rosettes.

We will be pleased to submit sketches at any time for modern store fronts upon receipt of particulars.

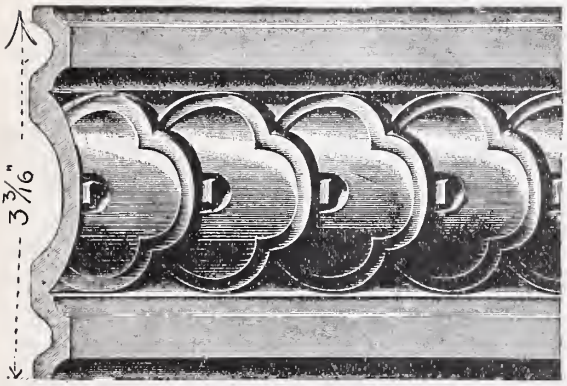
Read preceding page.

All mouldings can be polished and electroplated in duplex copper, costing extra.. Prices quoted upon receipt of particulars as to quantity and size of moulding desired.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

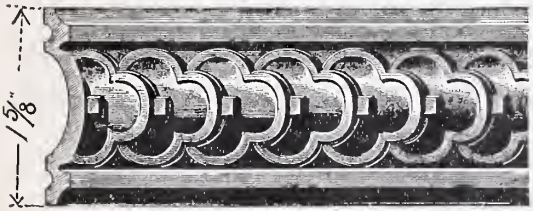
ORNAMENTAL ROLLED IRON MOULDINGS FOR MODERN STORE FRONTS.

DESIGNS ARE ALL EXACT FULL SIZE.



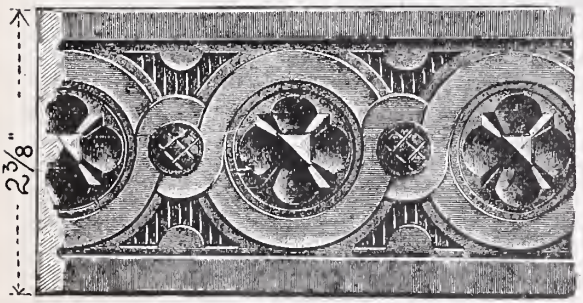
VULCAN DESIGN NO. K—133.

Price, per foot, painted one coat.....$0 60



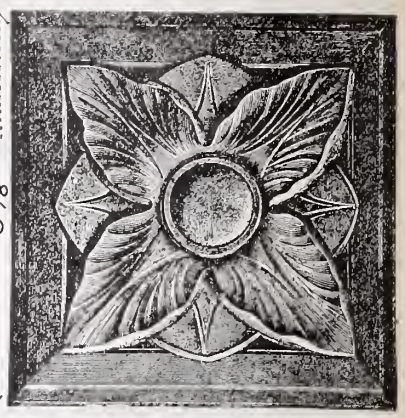
VULCAN DESIGN NO. K—134.

Price, per foot, painted one coat.....$0 30



VULCAN DESIGN NO. K—135.

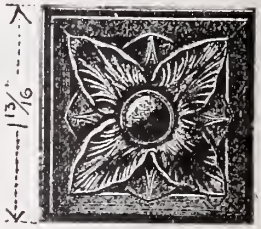
Price, per foot, painted one coat.....$0 50



VULCAN DESIGN NO. K—136.

ROSETTE.

Price, each painted one coat.....$0 40



VULCAN DESIGN NO. K—137.

ROSETTE.

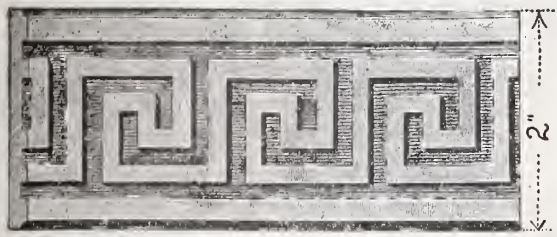
Price, each painted one coat.....$0 30

Above prices are for mouldings, cut to exact length, drilled for screws, and include screws. We have many other styles, and if these designs are not what you want, we will send sketches of others on request. Mouldings can be polished and duplex-copper electroplated, costing more.

SPECIAL PRICE ON LARGE QUANTITIES.

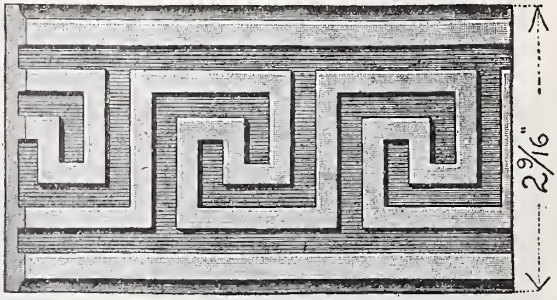
ORNAMENTAL ROLLED IRON MOULDINGS FOR MODERN STORE FRONTS.

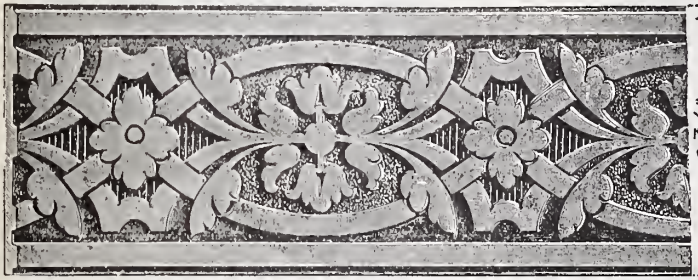
ILLUSTRATIONS ARE ALL EXACT FULL SIZE.



VULCAN DESIGN NO. K—138.
Price, per foot, painted one coat $0 40

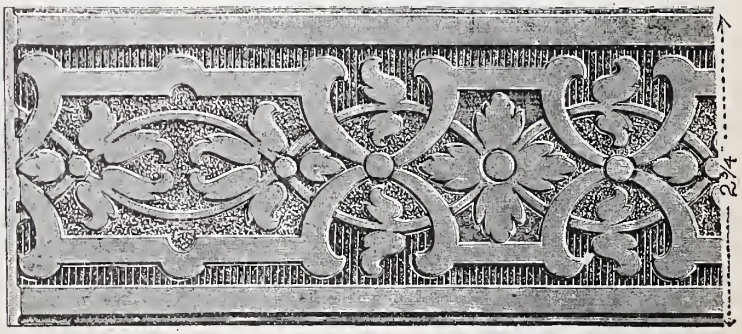
VULCAN DESIGN NO. K—139.
Price, per foot, painted one coat $0 50



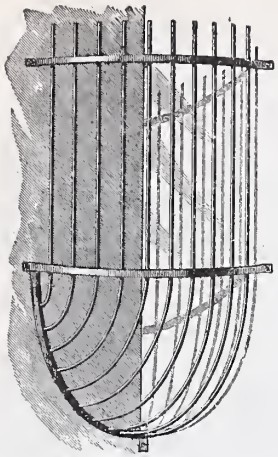


VULCAN DESIGN NO. K—140.
Price, per foot, painted one coat $0 40

VULCAN DESIGN NO. K—141.
Price, per foot, painted one coat $0 50



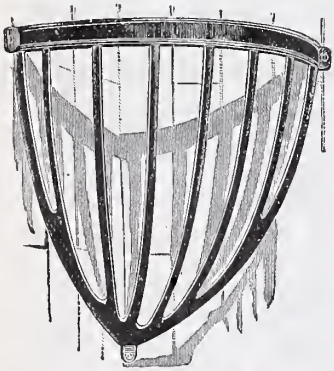
Note—Above prices are for mouldings cut to exact length, drilled for countersunk screws, and include screws for attaching to wood. We have many other styles and sizes, and we will be pleased to submit sketches of same upon request. Mouldings can be polished and duplex-copper electro-plated, costing extra. **SPECIAL PRICES IN LARGE QUANTITIES.**



VULCAN DESIGN NO. K—143.

WROUGHT IRON CORNER HAY RACK WITH EXTENSION TO CEILING TO FORM HAY CHUTE.

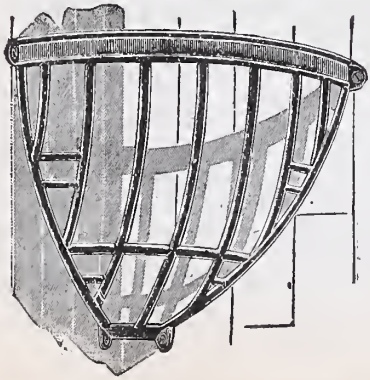
Price, 4½ feet high, 20 inches corner to corner, each. $7.00
Price, 5½ feet high, 20 inches corner to corner, each. 8.00
Any size made to order. Painted black.
Special prices in quantities.
Usually made of ½ inch diameter rods and heavy channel steel crossbars.

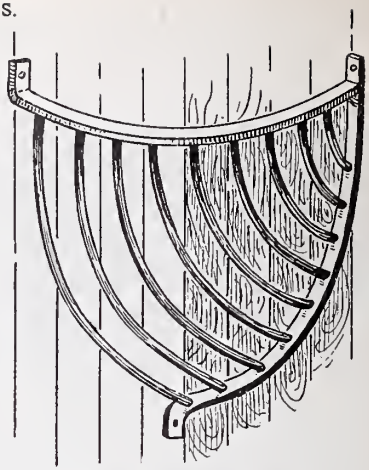


VULCAN DESIGN NO. K—145.

CAST IRON CORNER HAY RACK.

Price, each, painted black.....$2.50
This is an extra heavy pattern.

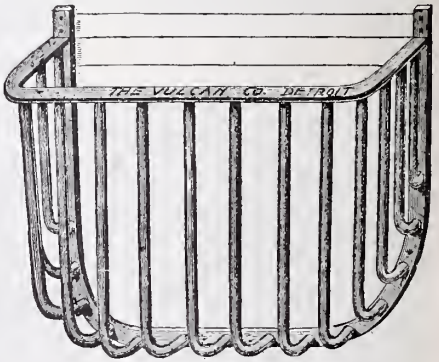




VULCAN DESIGN NO. K—144.

WROUGHT IRON CORNER HAY RACK.

Price, each, finished black.....$2 50
With angle top bar, screw holes drilled for wood chute 3 25



VULCAN DESIGN NO. K—146.

WROUGHT IRON HAY RACK FOR CENTER OF STALL.

Usual stock size, 18 in. deep, 30 in. high, 30 in. long.
Price, each, painted black.....$4 50
Can make larger sizes to order, costing more.
Special prices in quantities.

VULCAN DESIGN NO. K—147.

HEAVY CAST IRON CORNER HAY RACK.

Price, each, painted black..... $2 00
Size, projects from corner, 1 ft. 10 in.; height, 2 ft. 3 in.

These illustrate the ordinary stock patterns. We can make anything you may desire in this line to fit all conditions and demands.

Special prices made in large quantities.

The wrought designs K-144 and K-146 can be made with angle top frame to receive wood chute at extra cost.

STABLE FITTINGS.

VULCAN DESIGN NO. K—148.

SLOW FEED MANGER.

Size, 17x17x6 in. deep.

Price, each, Japanned.....$3 00

It has 7 small cells, each holding about one pint and prevents fast eating and wasting of grain.

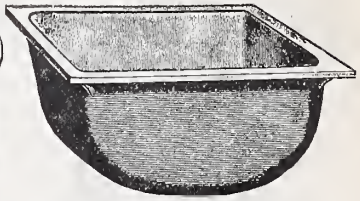
VULCAN DESIGN NO. K—149.

POT FEED MANGER.

Size, diameter of pot, 14 in.; depth, 9½ in.

Price, each, Japanned.....$3 00

We also make this style for Corner. Price and size same as above.

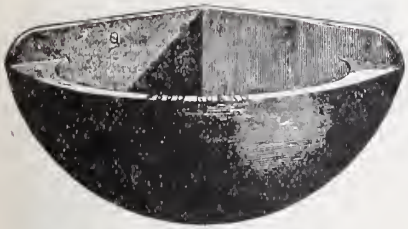


VULCAN DESIGN NO. K—150.

OAT MANGER.

Size, 20 in. long by 14 in. wide.

Price, each, Japanned.....$2 00



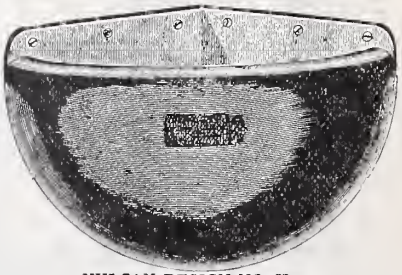
VULCAN DESIGN NO. K—151.

CORNER OAT MANGER WITH FOOD FLANGE.

Price, Japanned, each.....$1 50

Price, Galvanized, each..... 3 00

Size, 17 x 17 inches by 10 inches deep.

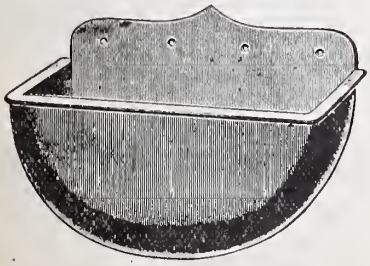


VULCAN DESIGN NO. K—152.

CORNER OAT MANGER WITH ROLL FRONT FOOD FLANGE.

Price, standard size, 17 in. x 17 in. x 10 in. deep, Japanned, each $2 00

Price, extra large size, 17 in. x 17 in. x 14 in. deep, Japanned, each 4 25

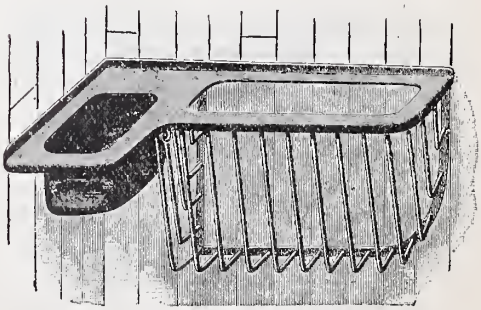


VULCAN DESIGN NO. K—153.

WALL MANGER.

Price, standard size, 12 in. x 18 in. x 8 in. deep, each.$2 25

Price, extra large size, 14 in. x 24 in. x 10 in. deep, each.....4 50



VULCAN DESIGN NO. K—154.

COMBINATION OAT MANGER AND WROUGHT STEEL HAY RACK.

Price, about 4½ feet long, each.....$20 00

We make the above in another shape to reach to each side of the stall. Price is same as above.

STABLE FITTINGS.

K—155.
STALL POSTS.

K—156.
STALL POSTS.

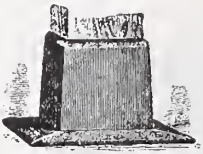
K—157.
STALL POSTS.

All the above posts are 5 inches diameter in lower part and 4 inches diameter in upper part, and are 6 feet high. All are made with flanges on rear side for receiving 2 inch wood partitions 4 feet 6 inches high.

Price, each, Japanned.....$9 00

VULCAN DESIGN NO. K—160.
POST SOCKET.
For posts 5 to 6 inches diameter.
Price, each $2.25

VULCAN DESIGN NO. K—161.
POST SOCKET.
For posts 5 to 6 inches diameter.
Price, each $2 00



VULCAN DESIGN NO. K—162.
POST SOCKET.
For posts 5 or 6 inches square.
Price, each $2 25

Above post sockets are especially adaptable to rear posts of stall partitions.

VULCAN DESIGN NO. K—158.
CESSPOOL WITH BELL TRAP.

13 x 13 inches, 4 inch outlet, extra heavy	$3 00
13 x 13 inches, 4 inch outlet, medium	2 00
9 x 9 inches, 3 inch outlet, medium	1 50
6 x 6 inches, 2 inch outlet, medium	1 00

VULCAN DESIGN NO. K—163.
CARRIAGE WASH OR CESSPOOL.
Size, 16 x 16 inches, depth 10 inches, outlet 4 inches, each $4 50
Same size with 5 inch outlet $5 00

VULCAN DESIGN NO. K—159.
Open Stable Gutter, 7 inches wide.
Price, per foot, Japanned 60c

STABLE FITTINGS.

VULCAN DESIGN NO. K—164.

Stable Gutter with cover for concrete floor, width over all 5½ inches.

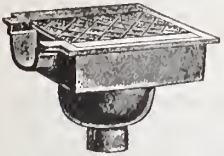
Price, per running foot.....$0 70

VULCAN DESIGN NO. K—165.

Stable Gutter with cover for wood floor, width over all 6 inches.

Price, per running foot.....$0.75

We fit this gutter complete. Send diagram showing exact shape and length and distance from ends to center of Cesspool.



VULCAN DESIGN NO. K—166.

BELL TRAP CESSPOOL TO CONNECT WITH GUTTER.

Size about 12¾ inches square. Outlet 3 inches in diameter.

Price, each, complete.....$3 00

VULCAN DESIGN NO. K—167.

Tee connection for stable gutter.

Price, each $3 00

VULCAN DESIGN NO. K—168.

Ell connection for stable gutter.

Price, each $2 50

VULCAN DESIGN NO. K—170.

BELL TRAP CESSPOOL FOR CONCRETE GUTTER.

Price, each, Japanned, $4 00

VULCAN DESIGN. NO. K—169.

Cross connection for stable gutter.

Price, each $3 50

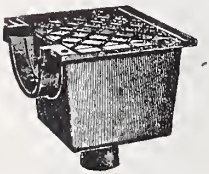
VULCAN DESIGN NO. K—171.

GRADED STABLE GUTTER.

The bottom of the Gutter is graded to a slight pitch sufficient to carry the water to cesspool.

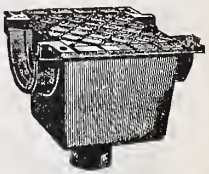
Gutter is made for wood or concrete floors. Gutter for wood floor is 6 inches wide, and for concrete floors 5½ inches wide.

Price, for runs not to exceed 25 feet, per foot..$1 00
Price, for runs 25 to 45 feet, per foot..... 1 20



VULCAN DESIGN NO. K—172.

STABLE CESSPOOL.



VULCAN DESIGN NO. K—173.

STABLE CESSPOOL.

To connect with Vulcan Design No. K 171 Graded Stable Gutter Size 12 inches square.

Price, each, when used in 25 feet runs of gutter.....$4 00
Price, each, when used in longer runs of gutter..... 5 00

Note—Designs No. K-171-172 and 173 are "graded" gutters apd cesspools.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

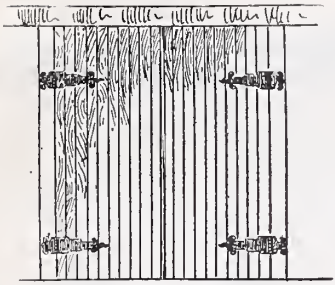


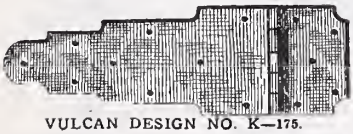
ILLUSTRATION SHOWING WROUGHT IRON HINGES AS APPLIED TO WOOD DOORS.

FORGED WROUGHT IRON HINGES.

We manufacture to order large wrought iron hinges of any size, weight or shape to meet all conditions, and to carry any size doors. Hinges of this style usually measure from 2 feet to 4 feet long, and 6 inches to 12 inches wide. They are made to order only upon receipt of particulars as to the size and thickness of doors they are to carry, and shape and size of jamb to which they are to be secured, etc. We will be pleased to suggest style and size, if desired, and quote prices.

We have illustrated a few designs on this page and will be pleased to submit others upon request. Always send particulars mentioned above when writing for prices.

VULCAN DESIGN NO. K—174.



VULCAN DESIGN NO. K—175.

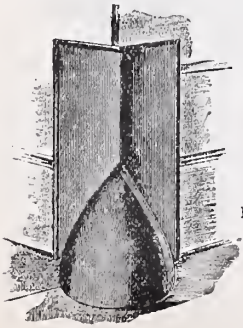
VULCAN DESIGN NO. K—176.

VULCAN DESIGN NO. K—177.

AUTOMATIC ARRANGEMENT FOR OPENING ENGINE HOUSE DOORS.

We have supplied a number of engine houses with heavy steel springs, which throw the doors open instantly upon releasing a lever holting arrangement in the center. Particulars and price on application. Always state how large the doors will be and their thickness, as springs and bolts vary in size on different size and weight of doors. We also furnish the lever holting arrangement for center of doors.

We can furnish anything you may require in this line; if you do not see what you want in our catalog, write us.



VULCAN DESIGN NO. K—178.
WHEEL GUARD.
34 inches high, 8x8 inches on corner.
Price, each $5 50

VULCAN DESIGN NO. K—179.
WHEEL GUARD.
30 inches high, and either 14 or 16 inches wide.
Price, each $6 50

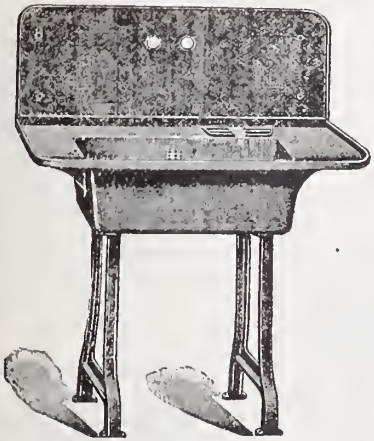
CAST IRON WATER TROUGHS.

VULCAN DESIGN NO. K—130.

WATERING TROUGH FOR STREET USE.

Size 1 ft. 9 in. high, 3 ft. 10 in. long, 2 ft. 1 in. wide. Base 3 ft. 4 in. x 1 ft. 6 in., fitted with overflow.

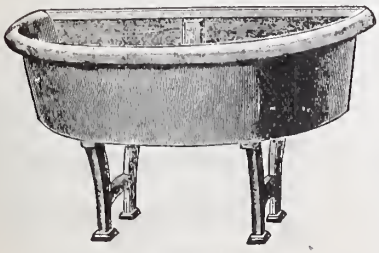
Price, each $45 00



VULCAN DESIGN NO. K—182.

HARNESS SINK.

Price, size 36x26x23 inches high.....$15 00
Price, size 48x30x28 inches high..... 20 00

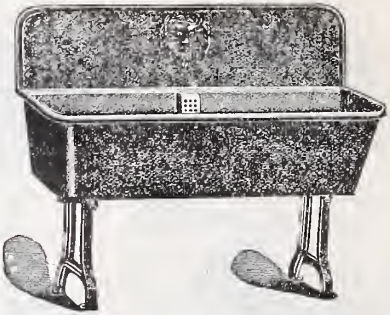


VULCAN DESIGN NO. K—184.

WATERING TROUGH WITH CAST LEGS.

Size, 33 x 14 inches by 12 inches deep.

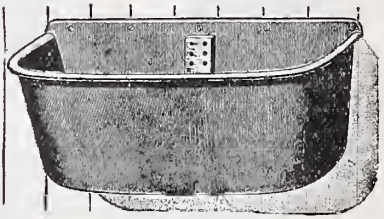
Price, complete, with legs.....$12 00
Price, without legs..... 10.00



VULCAN DESIGN NO. K—181.

WATERING TROUGH FOR STABLE.

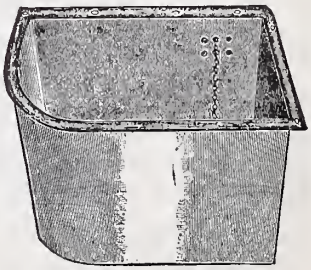
Price, size of trough, 30x18x12 inches deep...$15 00
Price, size of trough, 36x18x12 inches deep... 17 00
Price, size of trough, 42x18x12 inches deep... 19 00
Price, size of trough, 48x18x12 inches deep... 21 00



VULCAN DESIGN NO. K—183.

WATERING TROUGH.

Price, size 25x14x12 inches deep, each.....$.6 00
Price, size 30x18x12 inches deep, each..... 10 00
Heavy brackets, extra, per pair..... 2 00

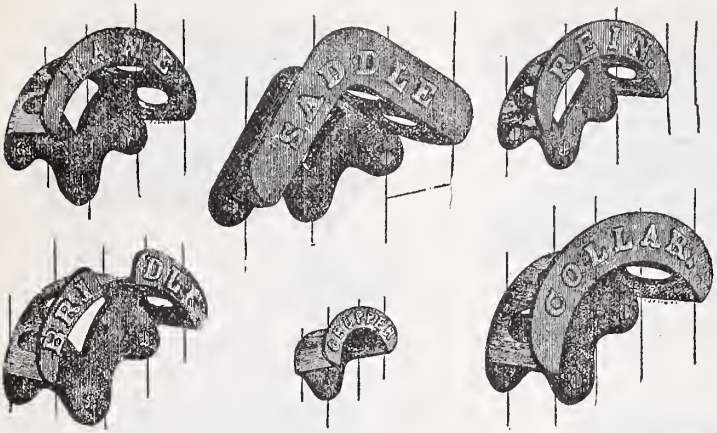


VULCAN DESIGN NO. K—185.

CORNER WATER TROUGH WITH PATENT OVERFLOW AND PLUG STRAINER.

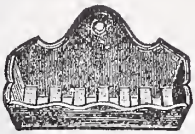
16 x 16 inches by 12 inches deep, each.....$6 00
24 x 24 inches by 12 inches deep, each..... 8 50

STABLE FITTINGS.

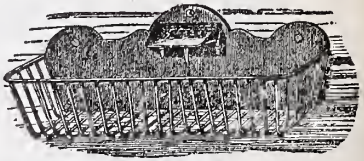


VULCAN DESIGN NO. K—186.
HARNESS BRACKETS.
Price, for complete set of six pieces as shown, Japanned.$2 50

VULCAN DESIGN NO. K—187.
SALT OR SPONGE RACK.
Price, each, Japanned.....$1 00

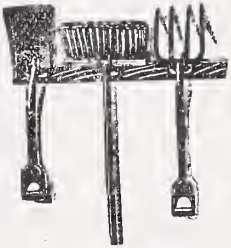


VULCAN DESIGN NO. K—188.
SOAP DISH.
Price, each, Japanned..... $0.35

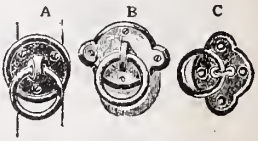


VULCAN DESIGN NO. K—189.
BRUSH, SPONGE AND CURRY COMB RACK.
Price, each, Japanned.....$3 00

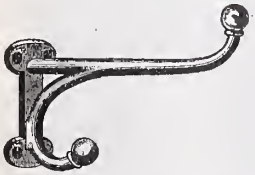
VULCAN DESIGN NO. K—190.
CORNER SALT DISH.
Price, each $0 75



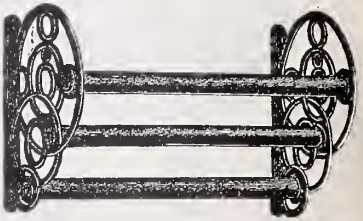
VULCAN DESIGN NO. K—191.
IMPLEMENT HOOKS.
Price, each $0 25



VULCAN DESIGN NO. K—192.
HITCHING RINGS.
Price, each $0 30



VULCAN DESIGN NO. K—193.
HEAVY HARNESS BRACKET.
Made in two sizes.
Upper hook 12 in. long, lower hook, 5 in. Price, per doz.....$6 00
Extra heavy, upper hook, 12 in. long, lower hook, 7 in. Price, per doz.... 8 00



VULCAN DESIGN NO. K—194.
BLANKET BRACKETS.
Price, per pair, without wood rollers.$3 00
Wood rollers are usually supplied at home, but we can furnish them at $1.00 extra for the three.

STABLE FITTINGS.

VULCAN DESIGN NO. K—195.

OILING AND WASHING BRACKET FOR HARNESS TO SUSPEND FROM CEILING. WROUGHT IRON.

Price, each $4 00

Including hook for ceiling, not shown in illustration.

State height of ceiling when ordering.

This can be unhooked and put out of the way when not in use.

VULCAN DESIGN NO. K—196.

TELESCOPIC AND SWIVEL WROUGHT IRON HARNESS OILING AND WASHING BRACKET. TO SUSPEND FROM CEILING.

Price, each $6 00

State height of ceiling when ordering.

This can be raised or lowered, or unhooked entirely when desired.

VULCAN DESIGN NO. K—197.

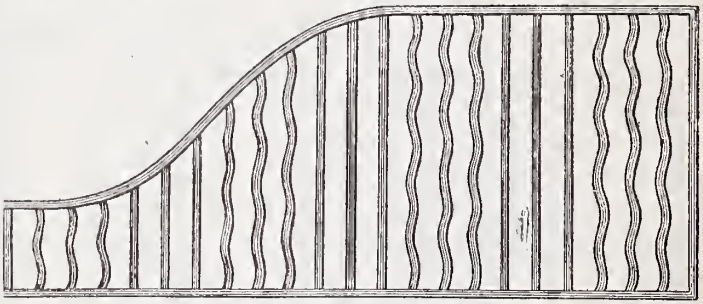
WROUGHT IRON STALL GUARD.

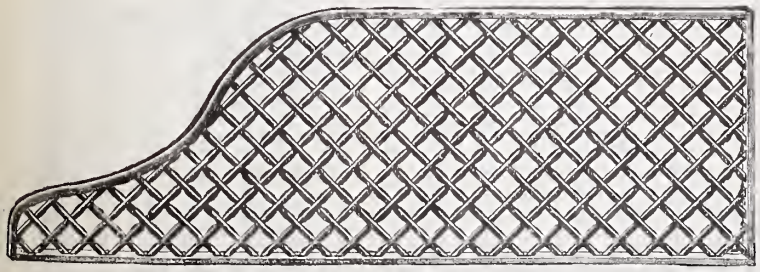
Usual construction ½ inch square uprights set 4 inch apart, 1¼ x ½ inch channel frame oval covering bar on top.

6 feet long, 28 in. high, each $7 50
7 feet long, 28 in. high, each 8 00
8 feet long, 28 in. high, each 8 50
9 feet long, 28 in. high, each 9 00

If made of round bars instead of square, deduct 50c each from list price.

Box stall work to match. Per square foot 50c





VULCAN DESIGN NO. K—198.

HEAVY WIRE STALL GUARD.

5 ft. long, 25 in. high, each.. $4.00
6 ft. long, 25 in. high, each.. 4.50
6½ ft. long, 25 in. high, each 5.00
7 ft. long, 25 in. high, each.. 5.50
8 ft. long, 25 in. high, each.. 6.00

Any size made to order.

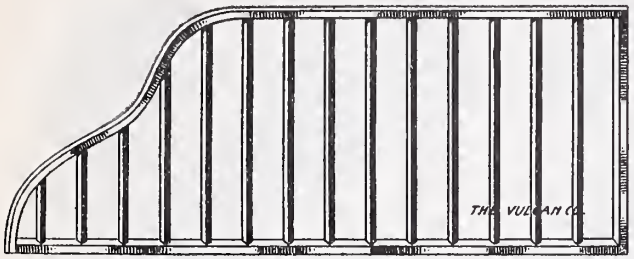
Box stall work to match. Per square foot 25c

These stall guards are inexpensive, but very substantial and durable. They are made of 3 inch mesh work, and 3-16 inch diameter double crimped steel wire, interwoven and secured into a heavy channel steel frame. Oval covering bar on top.

SPECIAL PRICE IN QUANTITIES.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

SUBSTANTIAL WROUGHT IRON STALL PARTITIONS.



VULCAN DESIGN NO. K—199.

Usual construction ½ in. square bars set on the diamond about 4 inches apart, painted black.

	Price.
6 feet long x 28 inches high	$7 00
7 feet long x 28 inches high	7 50
8 feet long x 28 inches high	8 00
9 feet long x 28 inches high	8 50

Any size made to order.

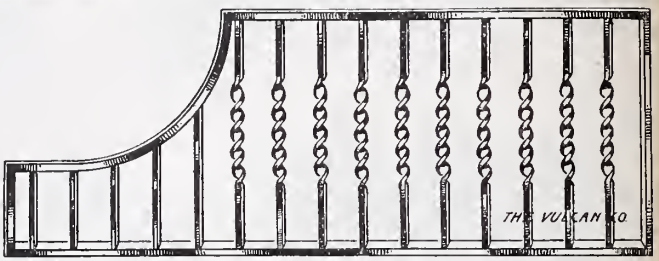
Box stall work to match, per square foot..45c

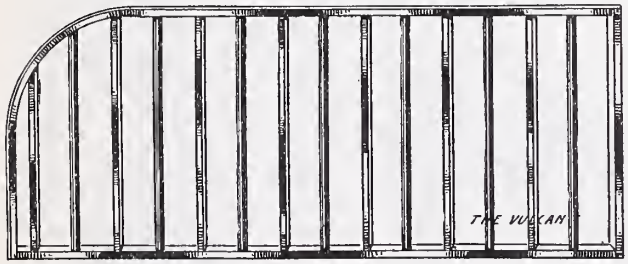
VULCAN DESIGN NO. K—200.

Usual construction. ⅝ x ⅜ inch uprights, 4 inches apart. 1¼ x ½ inch channel frame, oval covering bar on top.

6 feet long x 28 inches high	$8 00
7 feet long x 28 inches high	8 50
8 feet long x 28 inches high	9 00
9 feet long x 28 inches high	9 50

Box stall work to match, per square foot..50c





VULCAN DESIGN NO. K—201.

Usual construction. Uprights of ½ inch round and ½ inch square, set alternately about 4 inches apart. 1¼ x ½ inch channel frames, oval covering bar on top.

6 feet long x 28 inches high	$8 50
7 feet long x 28 inches high	7 00
8 feet long x 28 inches high	7 50
9 feet long x 28 inches high	8 00

Box stall work to match, per square foot..50c

VULCAN DESIGN NO. K—202.

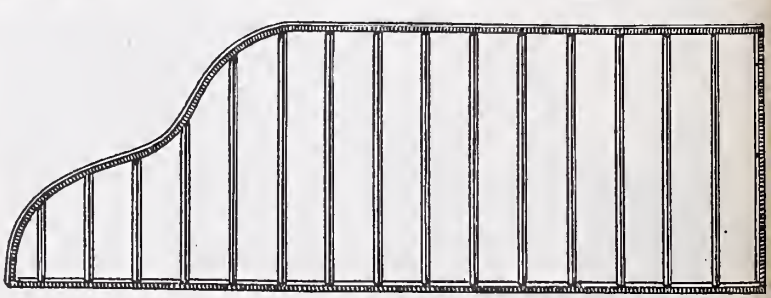
Usual construction ⅝ in. diameter round uprights set 4 inches apart. 1¼ in. x ½ in. channel frames, oval covering bar on top.

6 ft. long, 28 in. high	$7 00
7 ft. long, 28 in. high	7 50
8 ft. long, 28 in. high	8 00
9 ft. long, 28 in. high	8 50

Any size made to order.

Box Stall work to match, per square foot, 45c.

We will be pleased to furnish special sketches of more elaborate designs if desired.



SPECIAL PRICES QUOTED IN QUANTITIES ANY SIZE OR SHAPE MADE TO ORDER. ALL THIS WORK IS CONSTRUCTED IN A THOROUGHLY FIRST CLASS MANNER AND WELL PAINTED WITH GOOD PAINT.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOG.

The device shown in the accompanying engraving is an appliance in which every person owning or having charge of a horse should be interested. Its object is to cleanse oats from dust and other impurities, which cannot be reached by the use of a hand-sieve or fanning mill. If owners of horses knew how much dust and other impurities, equally injurious, their horses swallow at every feed of ordinary oats, they would lost no time in ordering this useful invention. This cleaner will remove a bushel of dust, dirt and impurities from every twenty-five or thirty bushels of the best white oats. A horse eats about half a bushel of oats per day, or nearly 200 bushels per year. He thus chokes down about eight bushels of dust and impurities, unless this has been removed by the process here illustrated. It is no wonder that so many horses contract heaves, consumption and other diseases, when they so often have poison doled out to them every day. Owners therefore should gladly welcome any device which tends to render their horses more comfortable and more free from disease. This is not only humane but it is by far the most economical way.

POPLAR CLEANERS.

JAPANNED TRIMMINGS, HARD OIL FINISH.

6 x 12, 7½ feet long, for private stables	$25 00
8 x 12, 7½ feet long, for medium stables	25 00
10 x 12, 7½ feet long, for large stables	25 00
18 x 12, 7½ feet long, for very large stables	35 00
8 x 12, 6 feet long, for low ceiling stables	25 00
10 x 12, 6 feet long, for low ceiling stables	25 00

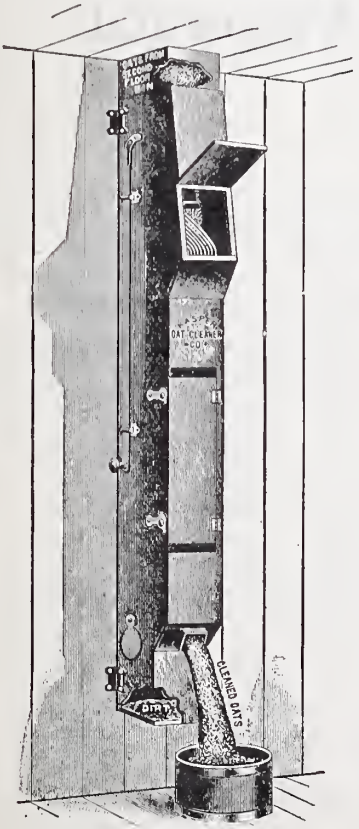
HARDWOOD CLEANERS.

WITH SOLID BRASS TRIMMINGS.

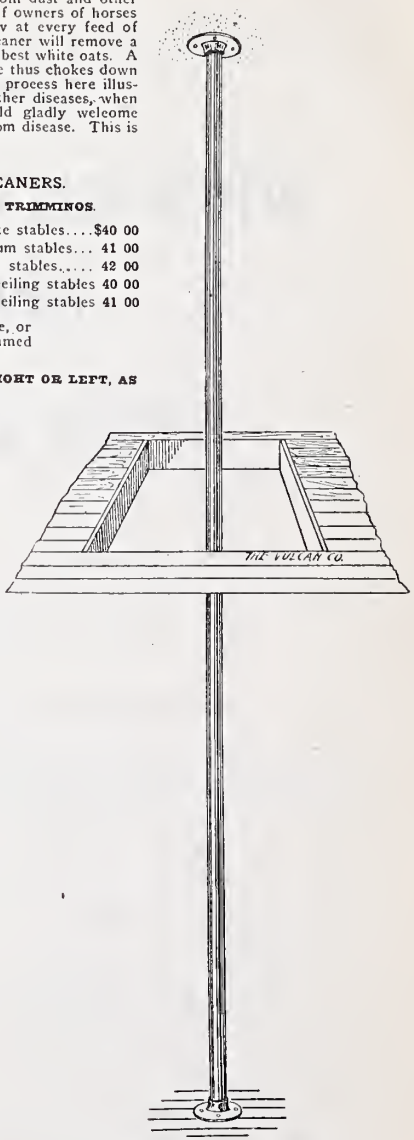
6 x 12, 7½ feet long, for private stables	$40 00
8 x 12, 7½ feet long, for medium stables	41 00
10 x 12, 7½ feet long, for large stables	42 00
8 x 12, 6 feet long, for low ceiling stables	40 00
10 x 12, 6 feet long, for low ceiling stables	41 00

Hardwood Cleaners finished in Oak, Ash, Cherry, Georgia Pine, or any kind of wood desired, with Hard Oil Finish. Special sizes not named made to order.

IN ORDERING STATE WHICH SIDE YOU WISH THE HANDLE-BAR PLACED, (RIGHT OR LEFT, AS YOU FACE THE CLEANER.)



VULCAN DESIGN NO. K—204.
KASPER OATS CLEANER. PATENTED.



VULCAN DESIGN NO. K—203.
POLISHED BRASS SLIDE POLE FOR ENGINE HOUSES.

Made any length desired.

Price, 2½ inch diameter, per foot	$1 75
Price, 3 inch diameter, per foot	2 00
Extra heavy flanges with 4 brass screws, each	3 00

Write for net prices, stating length desired.

MANUFACTURERS OF

WROUGHT IRON FENCING AND GATES

Plain and Ornamental

Instructions for Ordering and Corresponding.

Please read carefully.

Complete information will enable us to make close figures.

1. Kindly do not cut or mutilate catalog, simply refer to the styles desired by number printed under each illustration, and we will understand.
2. State what size pickets or uprights are desired in the fence.
3. State what height fence you desire.
4. Make a plan of how fence will set, giving lengths as near as you can.
5. State if the ground is practically level or if there are any steep pitches or inclines in run of fence, giving length of part affected.
6. Show approximate location of single walk and double drive gates.
7. On enclosures for parks, cemeteries, public grounds, etc., state if you intend to use large stone or other lithic posts, to be constructed at home.
8. State if all or any of the fence will set on wall or coping, or if posts are to be set into the ground. Make sketch of coping, showing dimensions.
9. Give us any information you think will be of interest and that will enable us to obtain a clear conception of your requirements, and if the styles shown in this catalog do not please, we can make special sketch upon receipt of particulars from you.
10. Parties desiring ornate Entrance Gates for parks, cemeteries, public and private grounds, can make selection from illustrations in this catalog, and in quoting prices, we will give complete specifications and submit large scaled sketch or blue prints, which will give a better idea of the work.

We make special designs embodying such ideas as are suggested to us, or can quote on designs made by architects, carefully following out the artistic details as intended by designers.

MATERIALS USED IN OUR WROUGHT IRON FENCES AND GATES.

Our picket fences are made of wrought iron throughout. The horizontal rails are of ample size to form a rigid and substantial fence. The bottom rail is ANGLE, and we call particular attention to this feature, as it forms a much stiffer or rigid fence than the ordinary *channel* rails used by others.

Pickets are firmly secured into rails, and can *terminate at bottom rail* or *extend through bottom rail*, whichever you prefer.

We furnish "line posts" or "intermediate posts" for all our fences. These posts are fitted with foundations to set into ground, or with fittings for stone coping, and have lateral braces of ample size. These "line posts" are set from 7 to 8 feet apart, and we furnish connecting clamps and all necessary bolts.

All work is fitted at shop, and carefully numbered and marked, and we send with shipment a memo. of all parts shipped and an erecting diagram, so that no skilled help is required to set the work at destination. We lay great stress on the simplicity and convenience in erecting our fences.

All work is painted one coat of black at factory, but as the work is apt to be marred in shipping and erecting, we suggest that it be repainted after erection with good metallic paint.

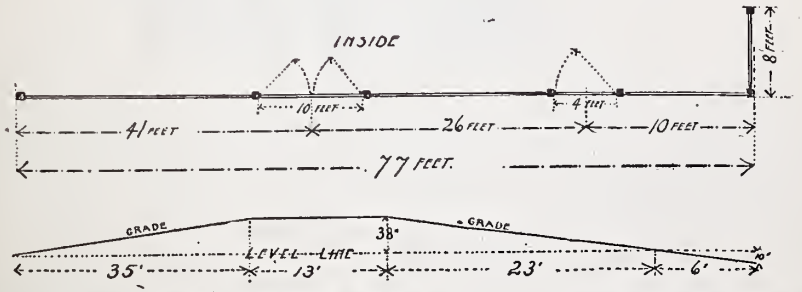
Our ornamental wrought iron Entrance Gates are executed in a thoroughly workmanlike manner, forged scroll work is of an artistic character and shows the handmarks of skill and a conscientious effort to please.

All our work is delivered free on board cars at factory, and we generally quote prices with allowances for freight to destination.

We guarantee first class substantial work, and our special net prices quoted only on receipt of particulars, will be found reasonable. We do not make cheap, light or flimsy work, but aim to make work that will give permanent satisfaction and which will be creditable to the purchasers.

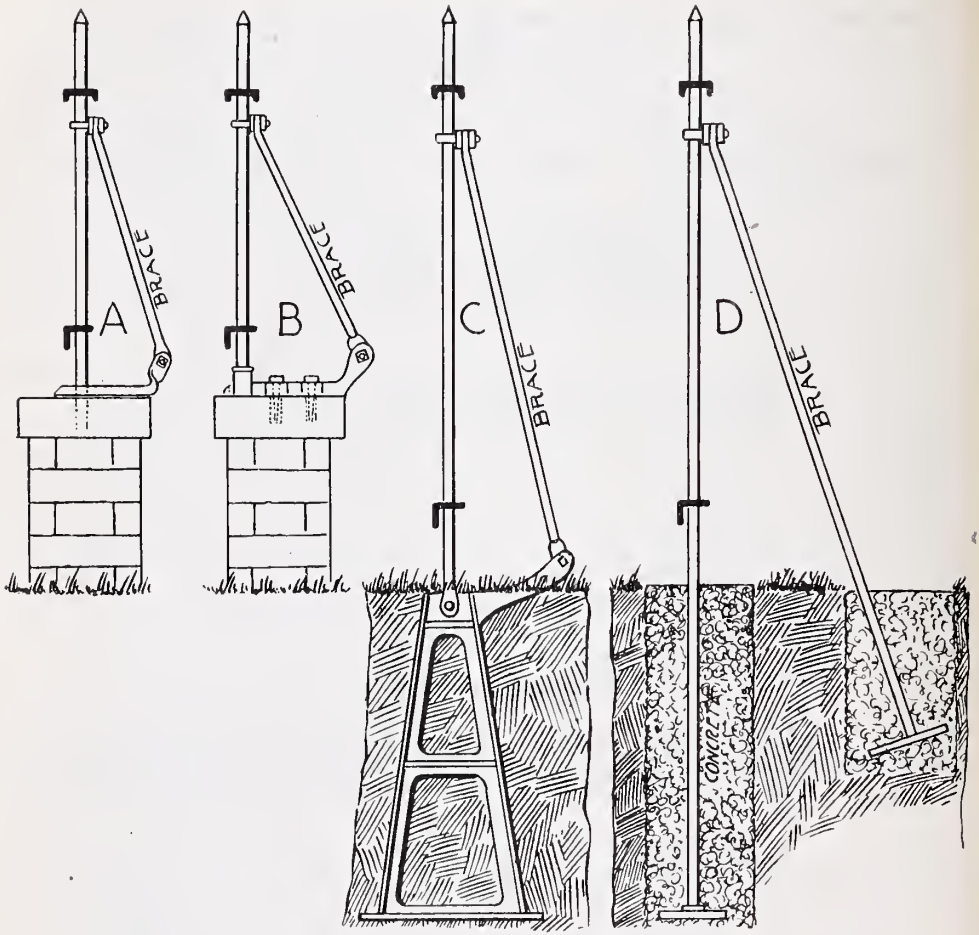
ORDERING FENCES.

In correspondence concerning fences, it is generally sufficient to state letter and number of the design, [do not cut it out of catalogue] size and height of pickets, grades—if they are steep, number of large posts, single and double gates. A diagram similar to the following should also be sent:



Measurements for square or rectangular lots should be over all on the two unequal sides, showing location and width of gates and grades, by diagram.

When not otherwise specified, single gates are made for 42-inch opening, and double gates 10-foot opening.



The above illustrations show how "LINE POSTS" are generally set. These line posts are set at intervals of about 8 feet and are secured to horizontal rails with heavy clips and bolts passing through slotted holes. They are constructed in conformity with style of fence ordered, so the entire line of fence presents uniform appearance.

Illustration "A" shows line post fitted to coping. Fence setting in center of coping. Illustration "B" shows line post fitted for coping. Fence setting near outer edge of coping. Illustration "C" shows cast foundation attached to line post, to be set into soil or concrete. Illustration "D" shows line post with extension to set into concrete usually 36 inches deep. All line posts are provided with adjustable back braces as illustrated.

We furnish everything complete ready to set fence in place and send erecting diagram and instructions with shipment.

WROUGHT IRON FENCES.

VULCAN DESIGN NO. N—474.

Wrought Iron Fence and Gate.

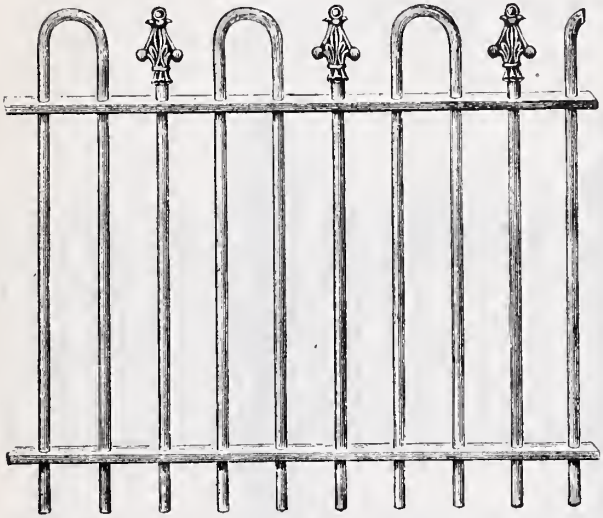
Above illustration is intended to give purchasers a better idea of how our fences are constructed.

We have various patterns of large cast posts to be used at corners, ends and gates. These cast posts vary in design and weight to suit the height and weight of fence. Posts have extensions to set into ground or concrete.

We also show line posts, which occur in fence at intervals of about 8 feet. These line posts are made in conformity to fence pattern and do not break the continuous fence line. They are fitted with cast foundations and adjustable braces.

Always send particulars when writing for net prices. See general description on pages 130 and 131.

WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—475.

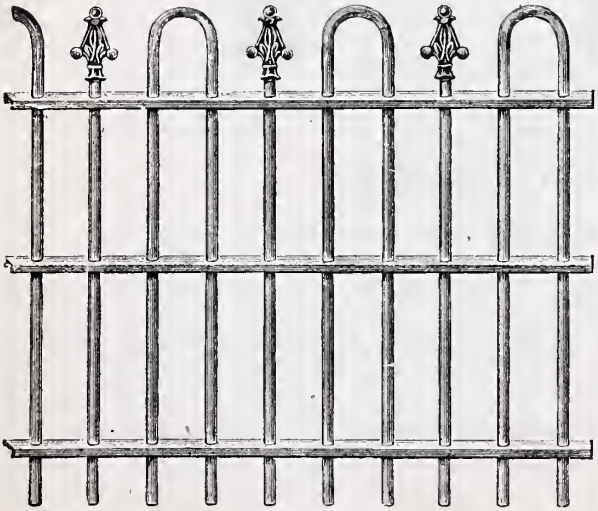
Wrought Iron Fence. (Round Pickets).

Painted black.

Size pickets.	Height when set.	Price per running foot
⅜ inch	37 inch	.80
½ inch	37 inch	1.00

Extras, in addition to price per foot.

Single Walk Gates, each	$ 6 00
Double Drive Gates, each	12 00
Large cast or open posts for corners, ends and gates, each.	6 00
Pipe Posts for corners, ends or gates, each	3 00



VULCAN DESIGN NO. N—476.

Wrought Iron Fence. (Round Pickets.)

Painted black.

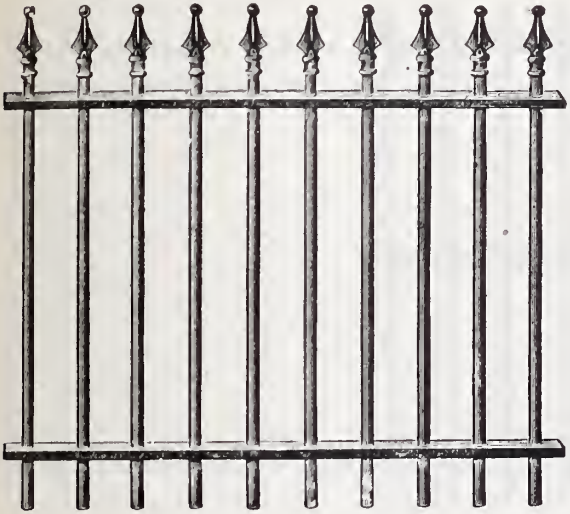
Size pickets	Height when set	Price per running foot
⅜ inch	37 inch	.90
½ inch	37 inch	1.10

Extras, in addition to price per foot.

Single Walk Gates, each	$ 6 00
Double Drive Gates, each	12 00
Large cast or open posts for corners, ends and gates, each	6 00
Pipe posts for corners, ends or gates, each	3 00

All our fences are made with ANGLE BOTTOM RAIL. Pickets can extend below bottom rail or terminate in same.

WROUGHT IRON FENCES.



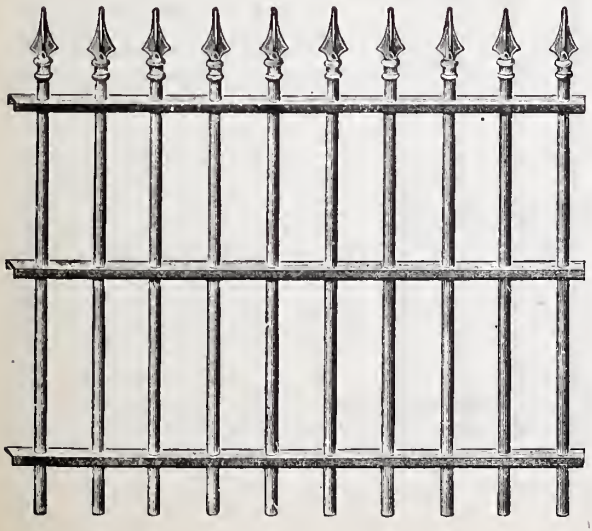
VULCAN DESIGN NO. N—477.

Wrought Iron Fence (Round pickets.)

Painted black.

Size pickets.	Height when set.	Price per running foot
⅜ inch	37 inch	.90
½ inch	37 inch	1 10
⅝ inch	40 inch	1 40
¾ inch	48 inch	2 00

Extras, in addition to price per foot.
Single Walk Gates, each.....$ 6 00
Double Drive Gates, each..... 12 00
Large cast or open posts for corners, ends and gates, each .....$ 5 00 to $10 00
Depending on size of post.



VULCAN DESIGN NO. N—478.

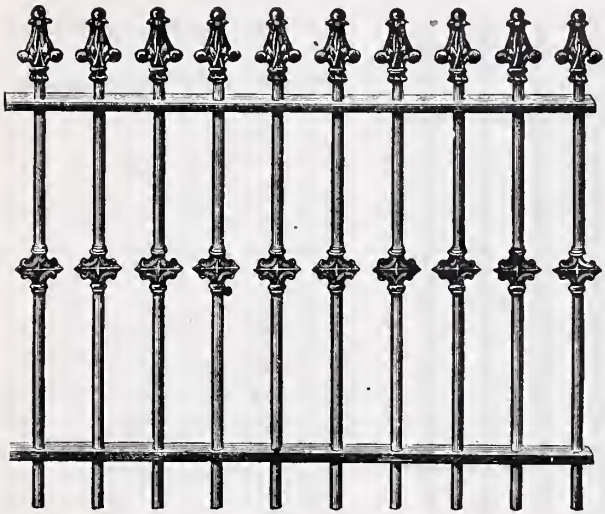
Wrought Iron Fence (Round pickets.)

Painted black.

Size pickets	Height when set	Price per running foot
⅜ inch	37 inch	1 00
½ inch	37 inch	1 20
⅝ inch	40 inch	1 50
¾ inch	48 inch	2 10

Extras, in addition to price per foot.
Single Walk Gates, each.....$ 6 00
Double Drive Gates, each..... 12 00
Large cast or open posts for corners, ends and gates, each .....$5 00 to $10 00
Depending on size of post.

WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—479.

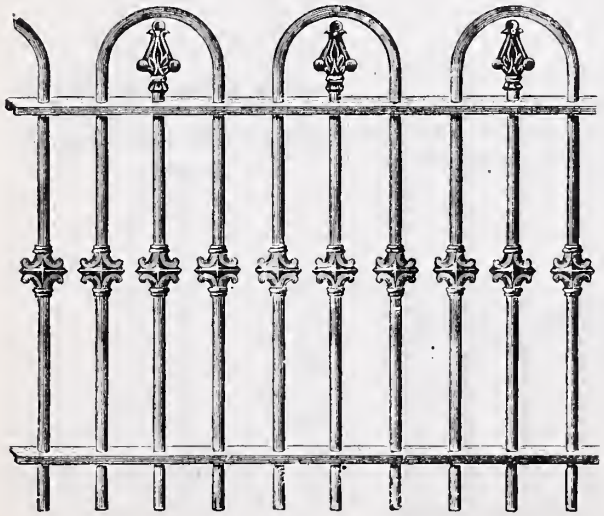
Wrought Iron Fence (Round pickets.)

Painted black.

Size pickets.	Height when set.	Price per running foot.
⅜ inch	37 inch	1 00
½ inch	37 inch	1 20

Extras, in addition to price per foot.
Single Walk Gates, each.....$ 6 00
Double Drive Gates, each..... 12 00
Large cast or open posts for corners, ends and gates, each... 6 00

This is a medium weight fence. Only made in size picket specified, but can furnish other heights if desired.



VULCAN DESIGN NO. N—480.

Wrought Iron Fences (Round pickets.)

Painted black.

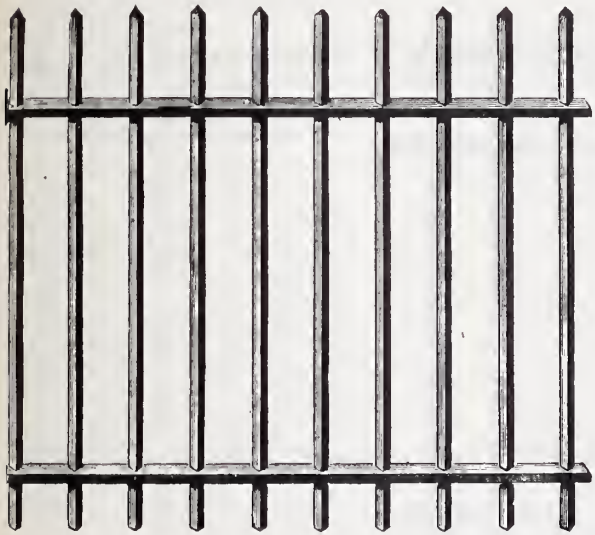
Size pickets.	Height when set.	Price per running foot.
⅜ inch	37 inch	1 00
½ inch	37 inch	1 20

Extras, in addition to price per foot.
Single Walk Gates, each.....$ 6 00
Double Drive Gates, each..... 12 00
Large cast or open posts for corners, ends and gates, each... 6 00

This is a medium weight fence. Only made in size picket specified, but can furnish other heights if desired.

All our fences are made with ANGLE BOTTOM RAIL. Pickets can extend below bottom rail or terminate in same.

WROUGHT IRON FENCES.



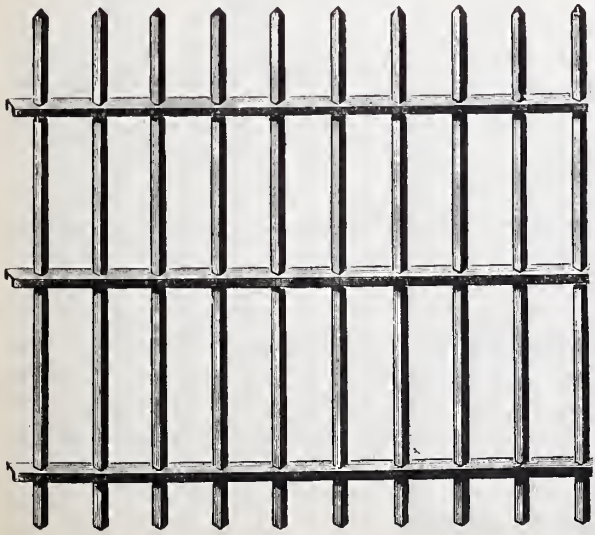
VULCAN DESIGN NO. N—481.

Wrought Iron Fence (Square pickets set diagonal.)

Size pickets.	Height when set.	Price per running foot.
⅜ inch	37 inch	$1 10
½ inch	37 inch	1 30
⅝ inch	40 inch	1 60
¾ inch	48 inch	2 20

Extras, in addition to price per foot.
Single Walk Gates.....$ 6 00
Double Drive Gates..... 12 00

Large cast or open posts for corners, ends and gates, each .....$5 00 to $10 00
Depending on size of posts.



VULCAN DESIGN NO. N-482.

Wrought Iron Fence.

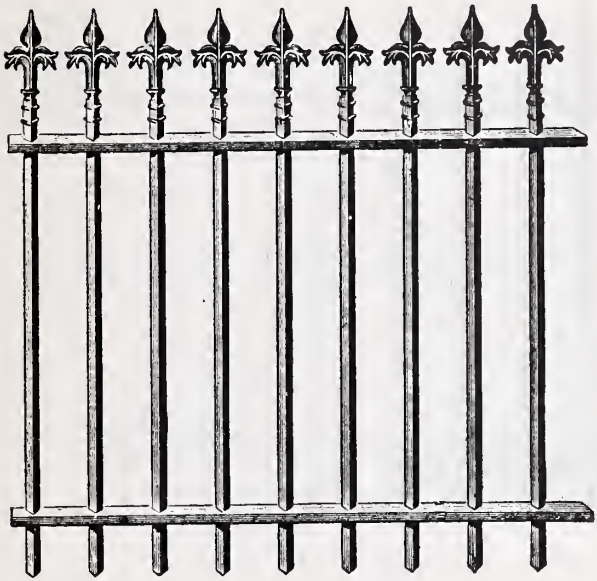
Size pickets	Height when set.	Price per running foot.
⅜ inch	37 inch	$1 20
½ inch	37 inch	1 40
⅝ inch	40 inch	1 70
¾ inch	48 inch	2 30

Extras in addition to, price per foot.
Single Walk Gates .....$ 6 00
Double Drive Gates..... 12 00

Large cast or open posts for corners, ends and gates, each .....$5 00 to $10 00
Depending on size of posts.

Can make any size picket or height desired. All our fences are made with ANGLE BOTTOM RAIL.

WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—483.

Wrought Iron Fence (Square pickets set diagonal.)

Painted black.

Size pickets.	Height when set.	Price per running foot.
5/8 inch	48 inch	$2 25
3/4 inch	48 inch	2 50

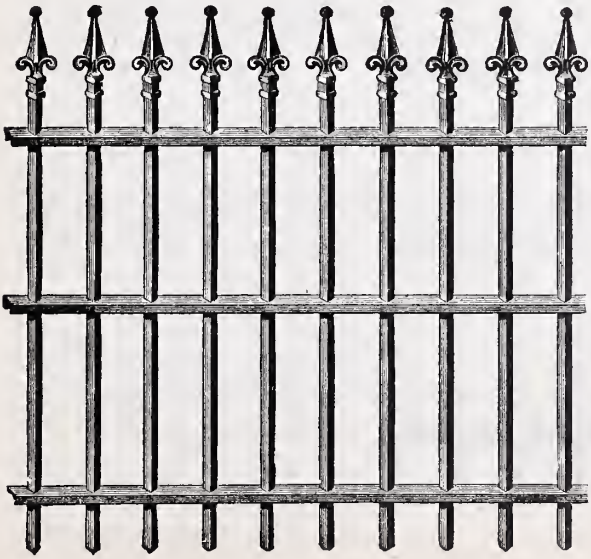
Extras in addition to, price per foot.

Single Walk Gates, each.....$ 6 00

Double Drive Gates, each..... 12 00

Large cast posts for corners, ends and gates 10 00

This is a heavy fence, only made in 5/8 and 3/4 square pickets. Can furnish other heights if desired.



VULCAN DESIGN NO. N—484.

Wrought Iron Fence (Square pickets set diagonal.)

Size pickets.	Height when set.	Price per running foot.
3/8 inch	37 inch	$1 20
1/2 inch	37 inch	1 40

Extras, in addition to price per foot.

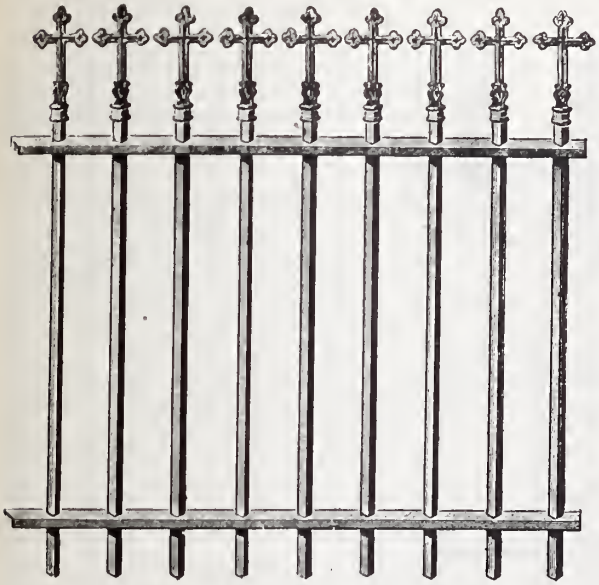
Single Walk Gates, each.....$ 6 00

Double Drive Gates, each..... 12 00

Large cast posts or open posts for corners, ends and gates... 6 00

This is a medium weight fence, only made in 3/8 and 1/2 inch square pickets. CAN FURNISH OTHER HEIGHTS IF DESIRED.

WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—485.

Wrought Iron Fence (Square pickets set diagonal.)

Painted black.

Size pickets.	Height when set.	Price per running foot.
⅝ inch	48 inch	$2 25
¾ inch	48 inch	2 50

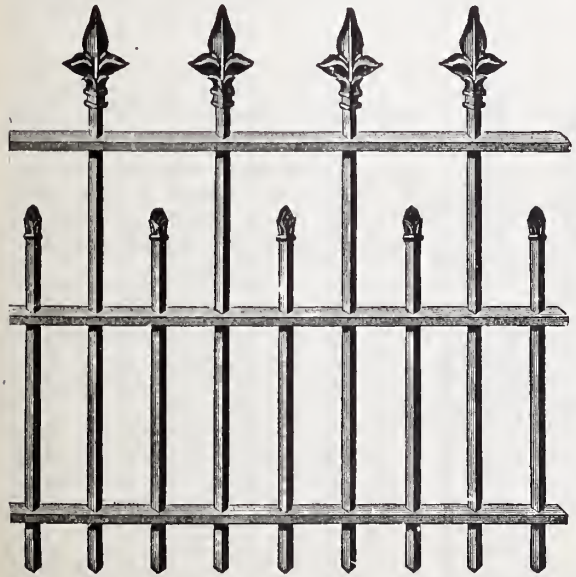
Extras in addition to, price per foot.

Single Walk Gates, each.....$ 6 00

Double Drive Gates, each..... 12 00

Large cast posts for corners, ends and gates, each..... 10 00

We also make this fence in lighter ROUND PICKETS, costing less.



VULCAN DESIGN NO. N—486.

Wrought Iron Fence (Square pickets set diagonal.)

Size pickets.	Height when set.	Price per running foot.
½ inch	37 inch	$1 40
⅝ inch	40 inch	1 65

Extras, in addition to price per foot.

Single Walk Gates, each.....$ 6 00

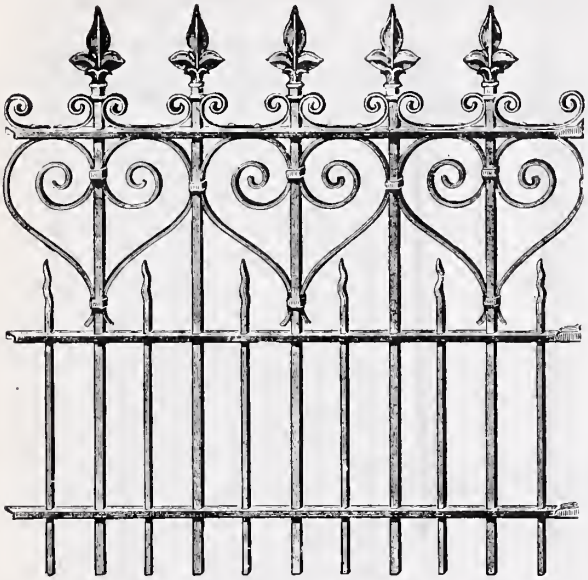
Double Drive Gates, each..... 12 00

Large cast posts for corners, ends and gates, each..... 6 00

Can make other heights, if desired.

All our fences are made with ANGLE BOTTOM RAIL. Pickets can extend below bottom rail or terminate in same.

ORNATE WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—487.

Wrought Iron Fence (Square pickets.)

Usually made of ⅝-inch square, long pickets and ½-inch square short pickets, 48 inches high when set.

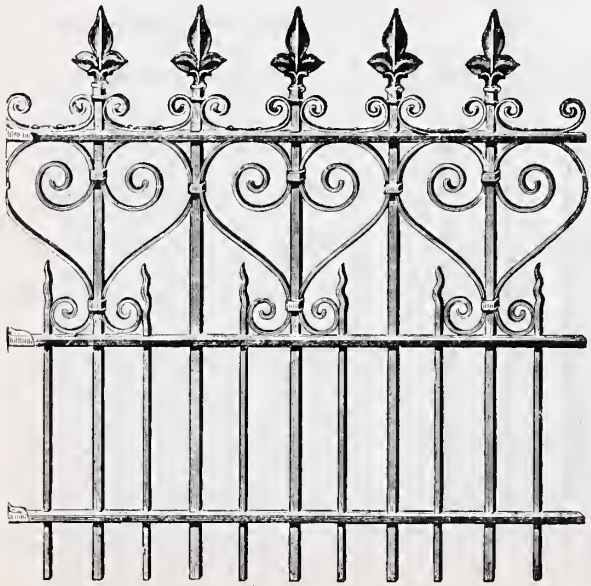
Price, per running foot.....$3 00

Extras, in addition to price per foot.

Single Walk Gates, each.....$ 6 00

Double Drive Gates, each..... 12 00

Large cast posts for corners, ends or gates, each 10 00



VULCAN DESIGN NO. N—488.

Wrought Iron Fence (Square pickets.)

Usually made of ⅝-inch square long pickets and ½-inch square short pickets, 48 inches high when set.

Price, per running foot.....$ 3 00

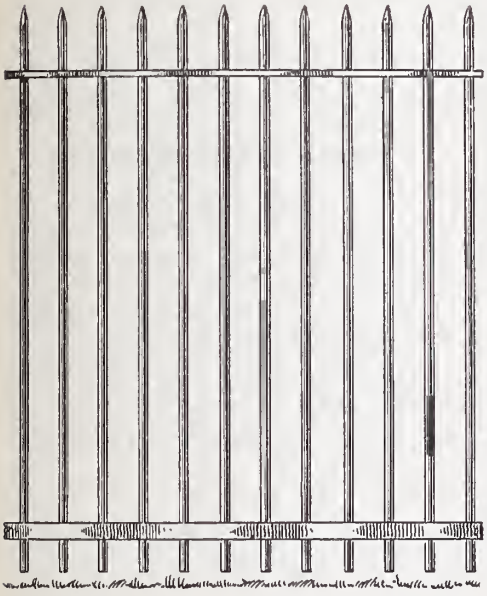
Extras, in addition to price per foot.

Single Walk Gates, each.....$ 6 00

Double Drive Gates, each..... 12 00

Large cast posts for corners, ends or gates, each..... 10 00

WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—489.

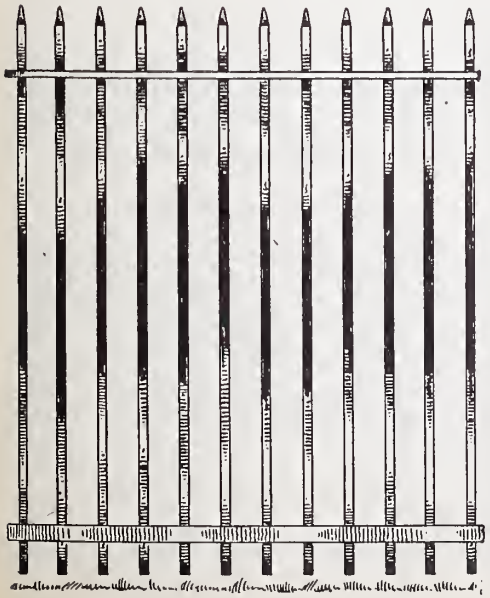
Wrought Iron Fence.

This illustration shows fence made of round pickets.

Can be made from 36 to 96 inches high, and of any size pickets in keeping with height.

Prices quoted on receipt of particulars. See pages 130 and 131 for instructions.

We furnish exact specifications when quoting.



VULCAN DESIGN NO. N—490.

Wrought Iron Fence.

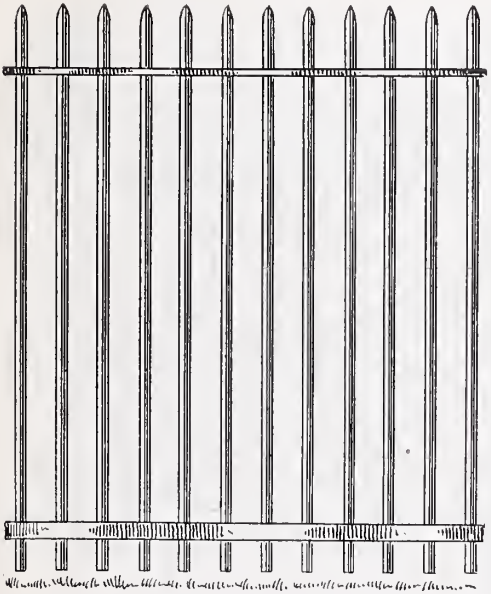
This illustration shows fence made of square pickets set square.

Usually made from 36 to 96 inches high and size of pickets in proportion to height.

Prices quoted on receipt of particulars. See pages 130 and 131 for instructions.

We furnish exact specifications when quoting.

WROUGHT IRON FENCES.



VULCAN DESIGN NO. N—491.

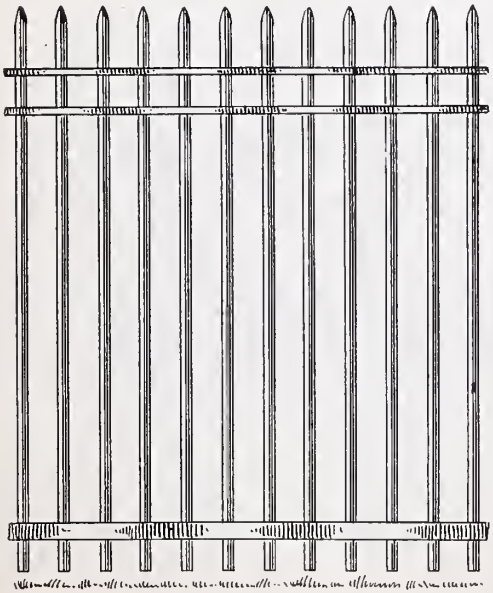
Wrought Iron Fence.

This illustration shows fence made of square pickets *set on the diamond.*

Can be made from 36 to 96 inches high and of any size pickets in keeping with height.

Prices quoted on receipt of particulars. See pages 130 and 131 for instructions.

We furnish exact specifications when quoting.



VULCAN DESIGN NO. —492.

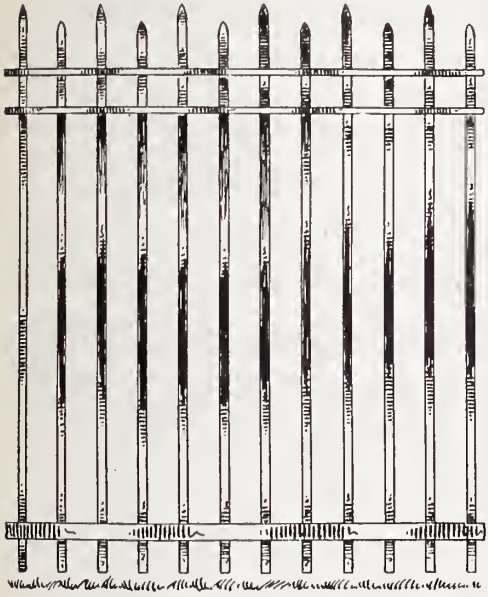
Wrought Iron Fence.

This illustration shows the same fence as above with the addition of another horizontal rail at top.

Prices quoted on receipt of particulars. See pages 130 and 131 for instructions.

These fences are particularly adapted for enclosing parks, cemeteries, large public and private grounds, etc.

WROUGHT IRON FENCES.



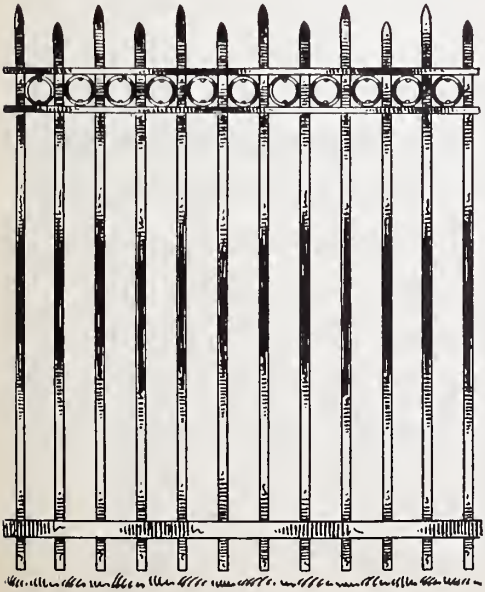
VULCAN DESIGN NO. N—495.

Wrought Iron Fence.

This illustration shows fence made of square pickets set square, well forged pointed ends.

Can be made from 36 inch to 96 inch high and with pickets ranging from ½ inch square to 1 inch square.

Prices will be quoted on receipt of particulars. See pages 130 and 131 for instructions. Give us all the particulars you can, so we can make a close estimate of cost laid down at your station. We will give complete specifications when quoting.



VULCAN DESIGN NO. N—496.

Wrought Iron Fence.

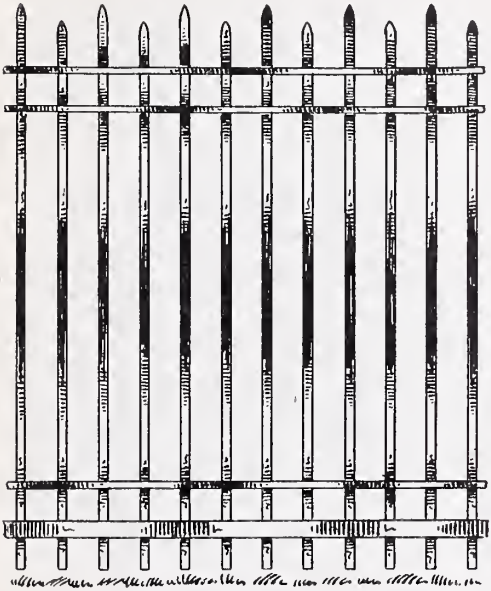
This illustration shows the same style of fence as above, with the addition of ornamental forged rings between two upper rails.

Prices quoted on receipt of particulars. See pages 130 and 131 for illustrations.

Our fences are thoroughly well made and fitted complete ready to set in place.

These fences are particularly adapted for enclosing parks, cemeteries, large private or public grounds, etc.

WROUGHT IRON FENCES.



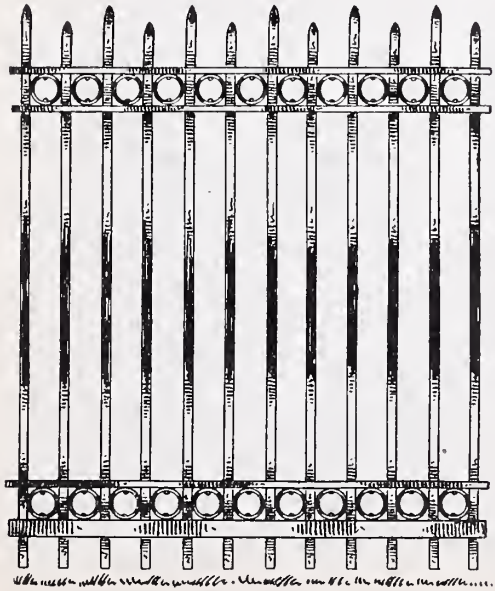
VULCAN DESIGN NO. N—493.

Wrought Iron Fence.

This illustration shows fence made of square pickets set square. Can also be made of round pickets, costing less.

Can be made from 36 to 96 inches high, and with size of pickets ranging from ½ inch to 1 inch square or round.

Prices quoted on receipt of particulars. See pages 130 and 131 for instructions.



VULCAN DESIGN NO. N—494.

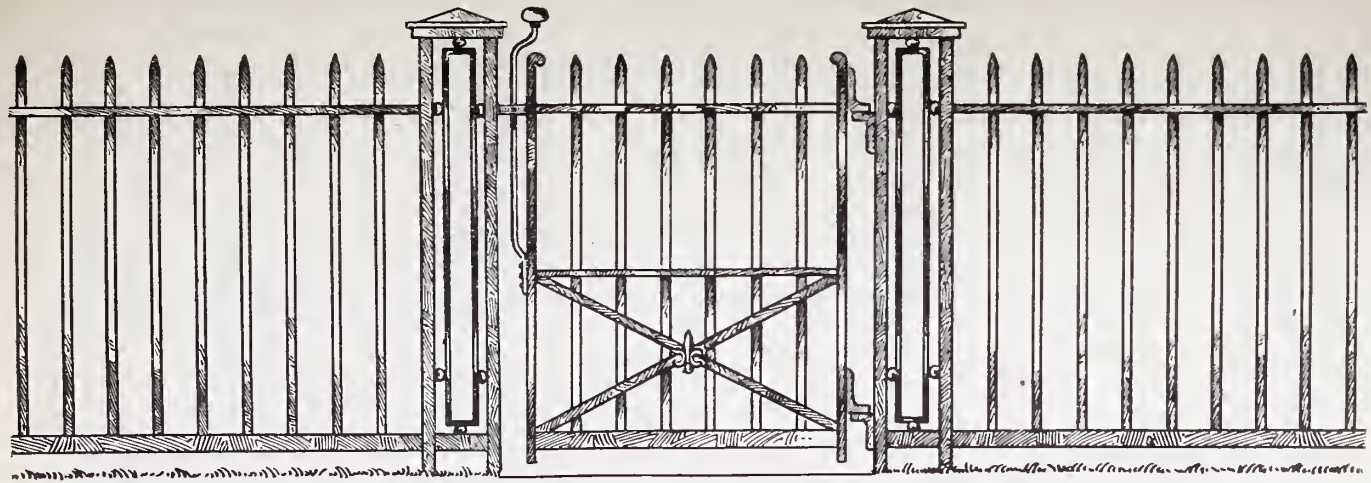
Wrought Iron Fence.

This illustration shows the same fence as above with the addition of ornamental forged rings between upper and lower rails.

Prices quoted on receipt of particulars. See pages 130 and 131 for instructions.

We furnish exact specifications when quoting.

These fences are particularly adapted for enclosing parks, cemeteries, large public and private grounds, etc.



Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. N—501.

Wrought Iron Fence.

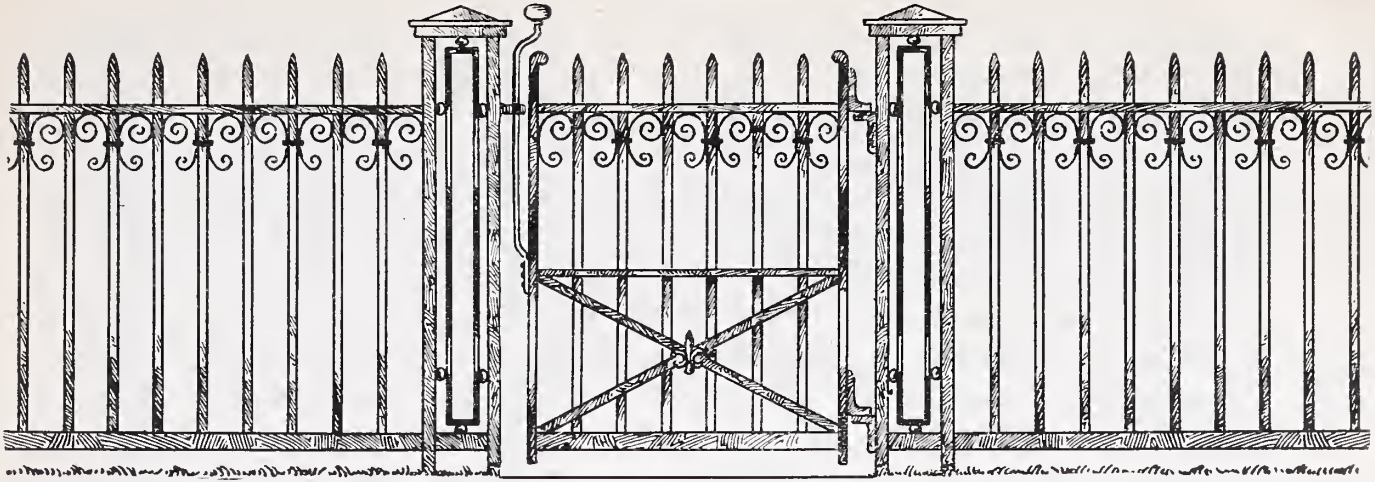
A plain and artistic design, suitable for residence, private grounds, parks, cemeteries, courthouses, etc., where something "a little different" than the conventional style of fence is desired. Pickets have drawn out forged points. Posts have extensions at bottom to set into concrete. Fence can be made in any size picket or height desired. Usually painted black. Send particulars for net price. Pickets can extend 4 inches through bottom rail, if desired, instead of terminating in bottom rail.

Size pickets.	height when set.	Price per running foot
½ inch square	40 inches	$1 75
⅝ inch square	48 inches	2 25

Extras, in addition to price per running foot.

Single Gates ..... $ 6 00
Double Gates 12 00

Posts extra, each $12 00. Other sizes in proportion.



Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. N—502.

Wrought Iron Fence.

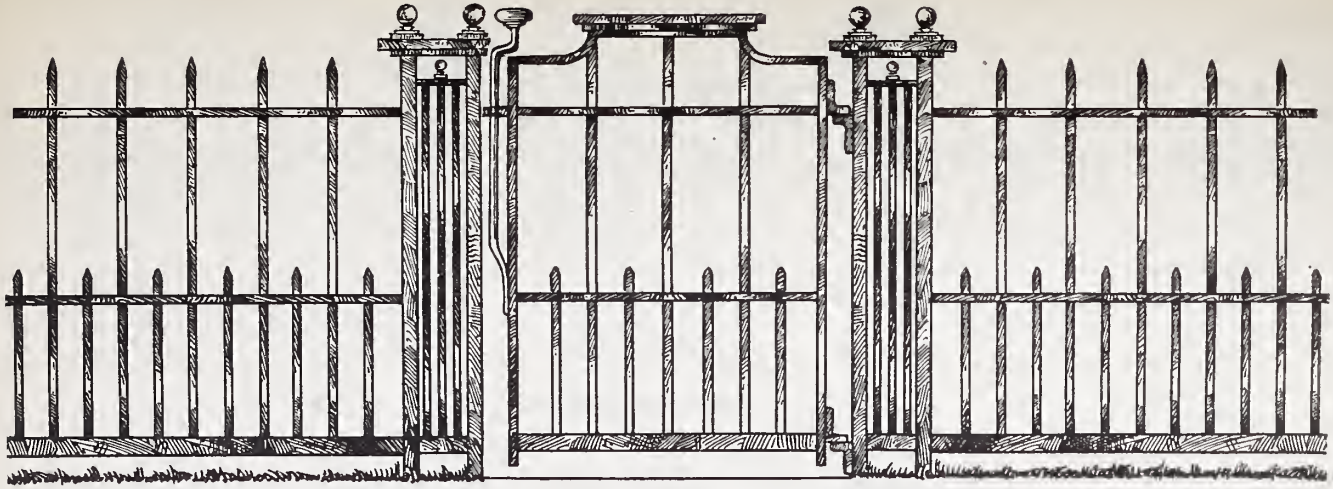
This is an attractive modern design, suitable for enclosing residences, public and private ground, parks, etc. Pickets are square and have hammered forged tips. Posts are flat with line of fence and have extensions to set into concrete. Can be made in any height or size of pickets. Send particulars for net price. Pickets can extend through bottom rail 4 inches, if preferred.

Size pickets.	Height when set.	Price per running foot.
½ inch square	40 inches	$1 90
⅝ inch square	48 inches	2 40

Extras, in addition to price per running foot.

Single Gates .....$ 6 00 Posts extra, each $12 00

Double Gates .....$12 00 Other sizes in proportion.



Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. N—500.

Wrought Iron Fence.

A neat, artistic design for residences, public and private grounds, cemeteries, etc., where something plain but substantial is desired. Pickets are square and have drawn out forged points. Posts are flat with line of fence and have extensions to set into concrete. Fence can be made in any size or length of pickets. Send particulars for net price. Pickets can extend through bottom rail about 4 inches, if preferred, instead of terminating in bottom rail as shown.

Size pickets.	Height when set.	Price per running foot.
½ inch square	40 inches	$1 85
⅝ inch square	48 inches	2 35

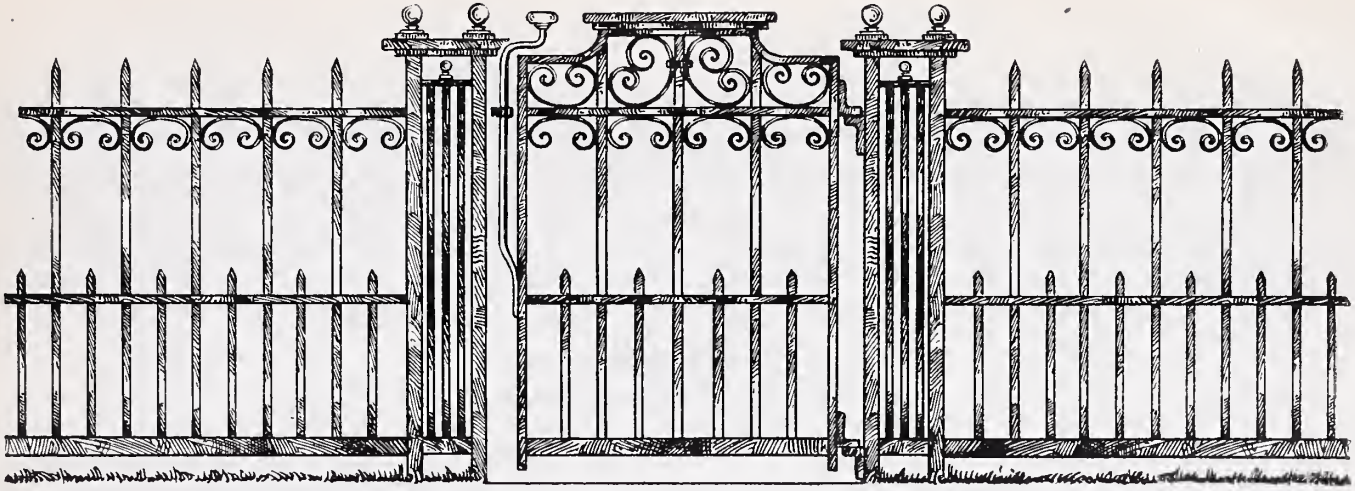
Extras, in addition to price per running foot.

Single Gates ..... $ 6 00

Double Gates 12 00

Posts extra, each $12 00

Other sizes in proportion.



Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. N—497.

Wrought Iron Fence.

A neat, artistic design for residences, public and private grounds, cemeteries, etc., where something plain but substantial is desired. Pickets are square and have drawn out forged points. Posts are flat with line of fence and have extensions set into concrete. Fence can be made in any size or height of picket. Send particulars for net price. Pickets can extend through bottom rail about 4 inches, if preferred, instead of terminating in bottom rail as shown.

Size pickets.	Height when set.	Price per running foot.
½ inch square	40 inches	$2 00
⅝ inch square	48 inches	2 50

Extras, in addition to price per running foot.

Single Gates ..... $ 6 00

Double Gates 12 00

Posts extra, each, $12 00.

Other sizes in proportion.

Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. N—499.

Wrought Iron Fence.

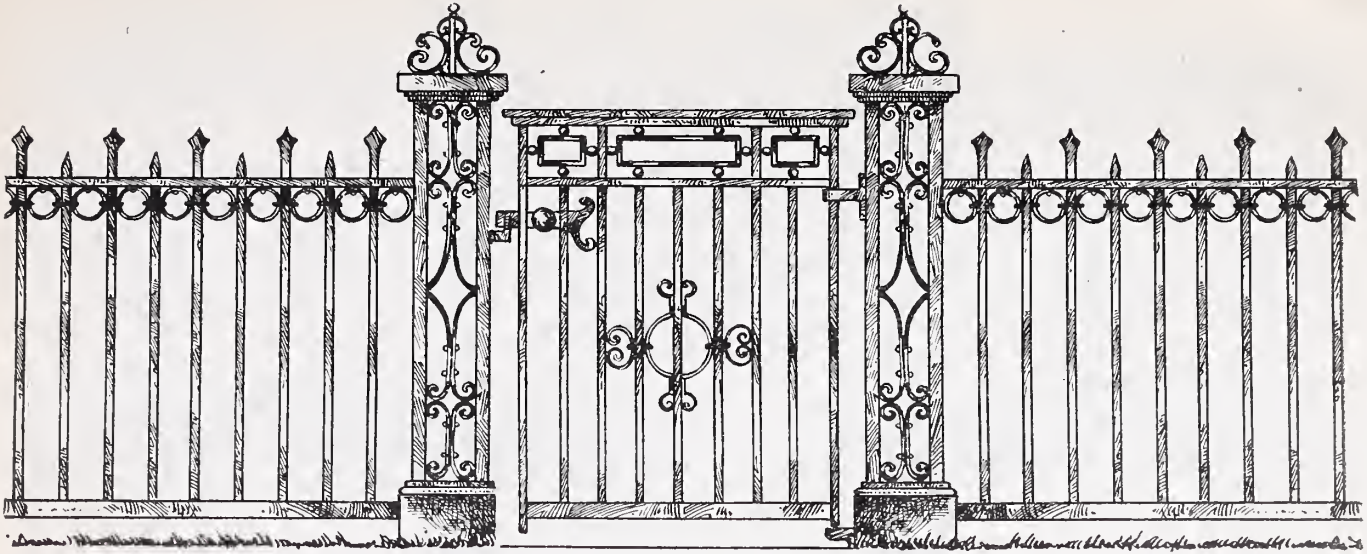
This is an attractive modern design, suitable for enclosing residences, public and private grounds, parks, etc. Pickets are square and have hammered forged tips. Posts are flat with line of fence and have extensions to set into concrete. Can be made in any height or size of pickets. Send particulars for net price. Pickets can extend through bottom rail 4 inches, if preferred.

Size pickets.	Height when set.	Price per running foot.
½ inch square	40 inches	$1 85
⅝ inch square	48 inches	2 35

Extras, in addition to price per running foot.

Single Gates $15 00
Double Gates 30 00

Posts each, $18 00.
Other sizes in proportion.



Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. N—498.

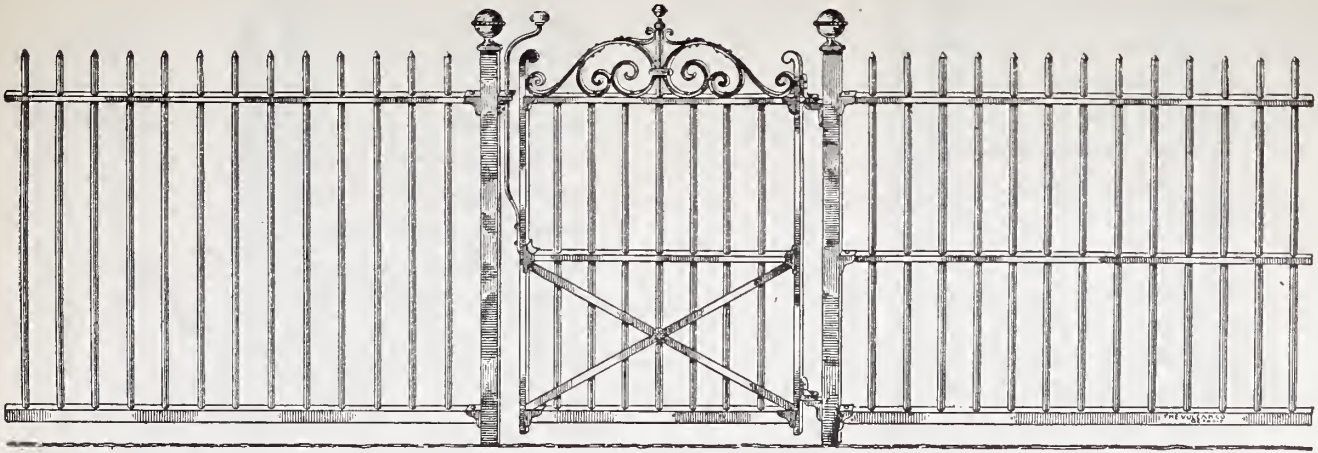
Wrought Iron Fence.

A neat artistic design for residences, public and private grounds, cemeteries, etc., where something plain but substantial is desired. Pickets are square and have drawn out forged points. Posts are flat with line of fence and have extensions to set into concrete. Fence can be made in any size or height of pickets. Send particulars for net price. Pickets can extend through bottom rail about 4 inches, if preferred, instead of terminating in bottom rail as shown.

Size pickets.	Height when set.	Price per running foot.
½ inch square	40 inches	$2 10
⅝ inch square	48 inches	2 60

Extras, in addition to price per running foot.

Single Gates	$15 00	Posts, each, $18 00.
Double Gates	30 00	Other sizes in proportion.



DESIGN NO. D—3. WROUGHT STEEL PICKET FENCE. DESIGN NO. D—4.

Price including Line Posts, adjustable braces and heavy cast foundations—

		⅜″	7/16″	½″	⅝″	¾″
Design No. D-3	26 inch Pickets, 30 inches high when set, per lineal foot	$0 70	75	85	.....	.....
	30 " " 34 " " " " " " " "	75	80	95	1 20	.....
	36 " " 40 " " " " " " " "	85	90	1 05	1 35	.....
	42 " " 46 " " " " " " " "	.....	.....	1 15	1 50	2 00
	48 " " 52 " " " " " " " "	.....	.....	1 30	1 65	2 25

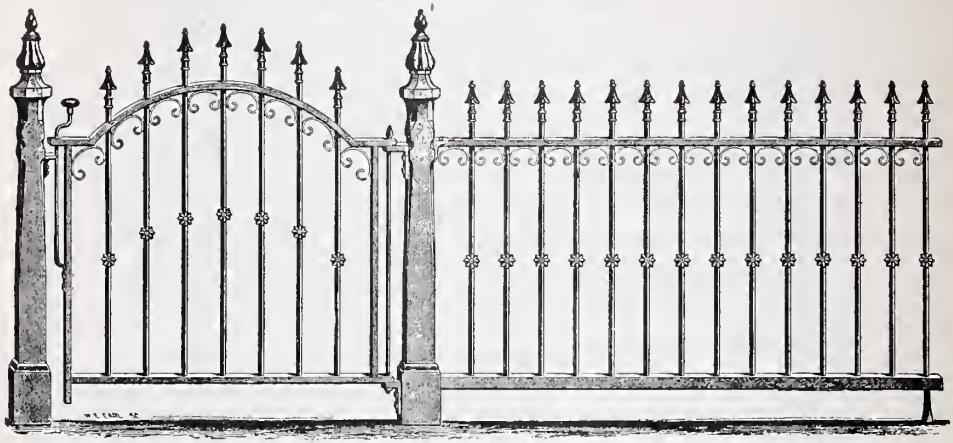
Extras—Single Gates extra in addition to price per foot..... $ 6 50
Double " " " " " " " " 13 00

Large Posts for corner ends and gates, with foundations, each, $5 00.
Large Cast Posts for corner ends and gates, with foundations same as illustrated on page 5. Same extra as shown in list of Design D-8 fence.
See page 2 for Open Post suitable for this fence.

DESIGN NO. D. 4 ADD 10c PER FOOT TO LISTS GIVEN ABOVE.

Special prices will be quoted f. o. b. your station upon receipt of particulars as to quantity, height, number of posts and gates desired. All our fences have heavy angle bottom rails into which pickets are pressed under power, making it very rigid and much superior to the ordinary method of fastening.

SUBSTANTIAL STEEL PICKET FENCES.



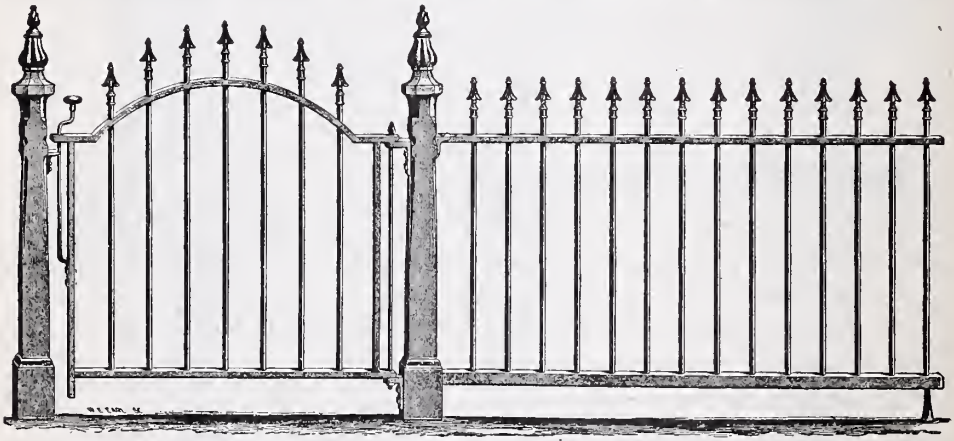
DESIGN NO. D—7.

WROUGHT STEEL PICKET FENCE.

Price including Line Posts with cast foundations and adjustable braces—	⅜″	7/16″	½″	⅝″	¾″
26 inches high, 30 inches when set, per lineal foot	$1 00	1 15	1 20	.....	.....
30 " " 34 " " " " " "	1 05	1 20	1 30	1 55	.....
36 " " 40 " " " " " "	1 15	1 30	1 40	1 75	.....
42 " " 46 " " " " " "	.....	.....	1 50	1 90	2 35
48 " " 52 " " " " " "	.....	.....	1 65	2 05	2 65

Always send particulars when writing for prices. See page 1 for directions.

All our fences have pickets pressed into lower rails under power, which is the best method of all. We use malleable clamps for all connection



DESIGN NO. D—8.

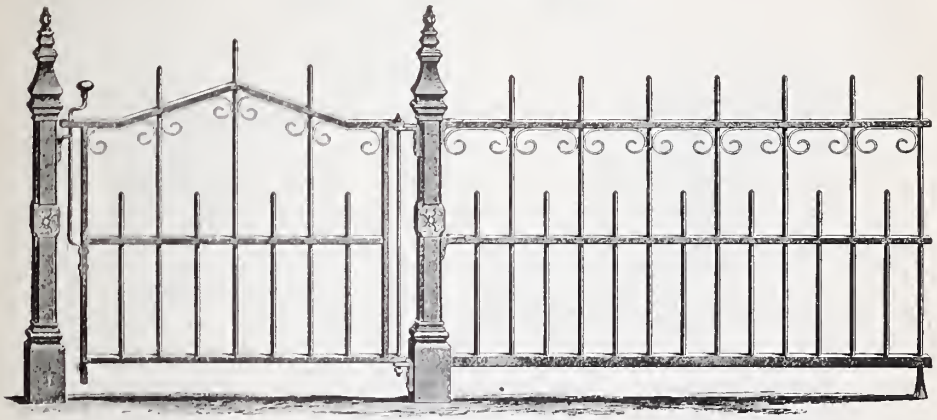
WROUGHT STEEL PICKET FENCE.

Price including Line Posts, with cast foundations and adjustable braces—	⅜″	7/16″	½″	⅝″	¾″
26 inches high, 30 inches when set, per lineal foot	$0 80	90	95	.....	.....
30 " " 34 " " " " " "	85	95	1 05	1 30	.....
36 " " 40 " " " " " "	95	1 05	1 15	1 50	.....
42 " " 46 " " " " " "	.....	.....	1 25	1 65	2 10
48 " " 52 " " " " " "	.....	.....	1 40	1 80	2 40

EXTRAS IN ADDITION TO PRICE PER LINEAL FOOT.

Single Gates, $5 00. Double Gates, $10 00. Cast posts at ends, gates and corners with heavy foundations, extra, from $5 00 to $9 00, depending on height of fence.

SUBSTANTIAL STEEL PICKET FENCES.



DESIGN NO. D—9.

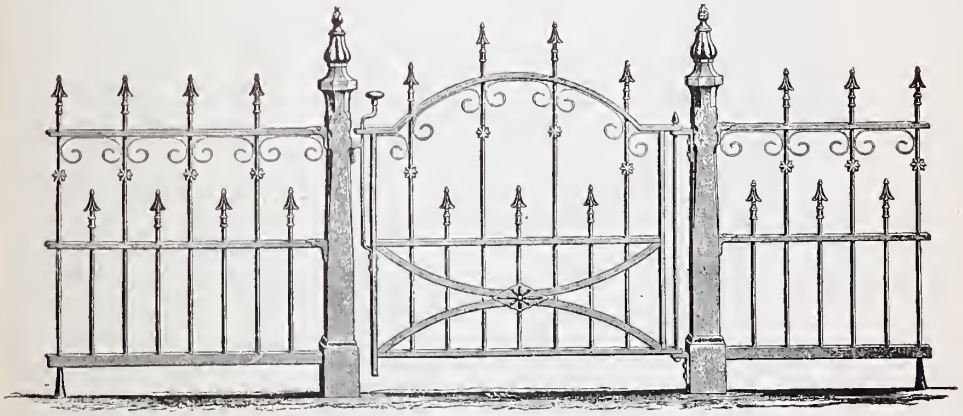
WROUGHT STEEL PICKET FENCE

Construction same as our other fences. Made any height or size of picket. List prices include line posts 6½ to 7 feet apart, with heavy foundations to set in ground, adjustable braces, etc. Malleable clamps used at all connecting points.

	7/16″	½″	5/8″
Price, 30 inch Round Pickets, 34 inches high when set, per foot	$0 90	1 00	1 20
" 36 " " " 40 " " " " " "	1 00	1 10	1 35
" 42 " " " 46 " " " " " "	1 10	1 20	1 40
" 48 " " " 52 " " " " " "		1 30	1 55

EXTRAS. GATES AND CAST POSTS ARE INCLUDED IN LENGTH OF FENCE AND CHARGED "EXTRA," AS FOLLOWS:

Cast posts for gates, ends and corners with foundations, $5 00 to $8 00, depending on height of fence. Single Walk Gates, $5 00. Double Gates, $10 00 extra Open posts on page 2 can be used in place of cast posts on these fences.



DESIGN NO. D—10.

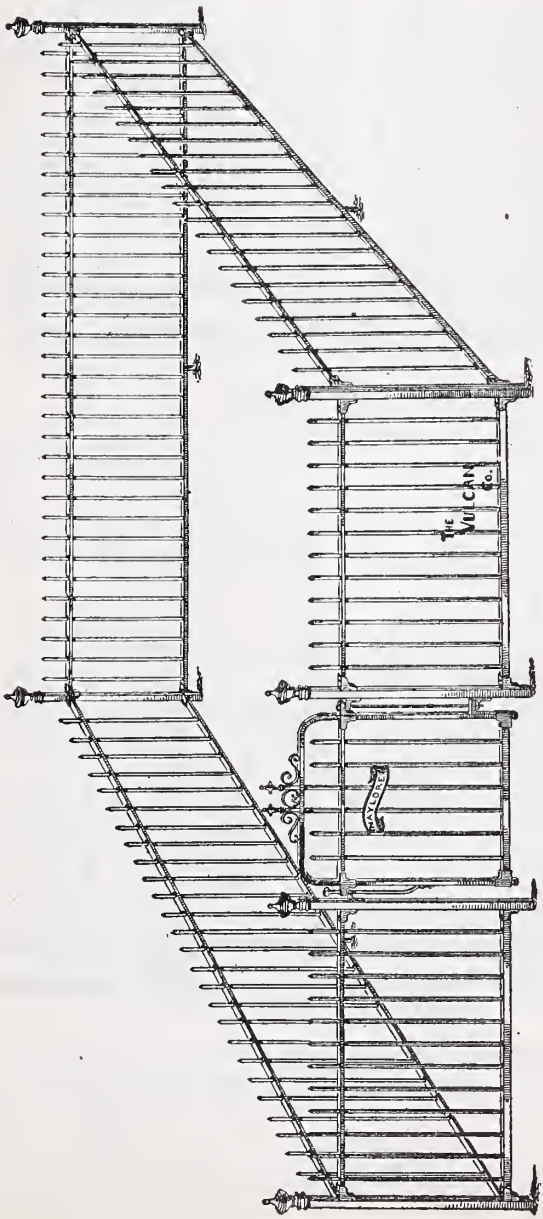
WROUGHT STEEL PICKET FENCE.

Construction same as our other fences Made any height or size of pickets. Prices including line posts and foundations

	7/16″	½″	5/8″
30 inch Round Pickets, 34 inches high when set, per foot	$1 15	1 30	1 55
36 " " " 40 " " " " " "	1 25	1 40	1 65
42 " " " 46 " " " " " "	1 35	1 50	1 75
48 " " " 52 " " " " " "		1 60	1 90

EXTRAS. Cast posts at ends, corners and gates, each, extra in addition to price per foot, $5 00 to $8 00, depending on height of fence Single Walk Gates, extra, $5 00. Double Gates, extra, $10 00. Can be made any other height or size of pickets. Without rosettes deduct 10c per foot from list price.

CEMETERY LOT ENCLOSURES.

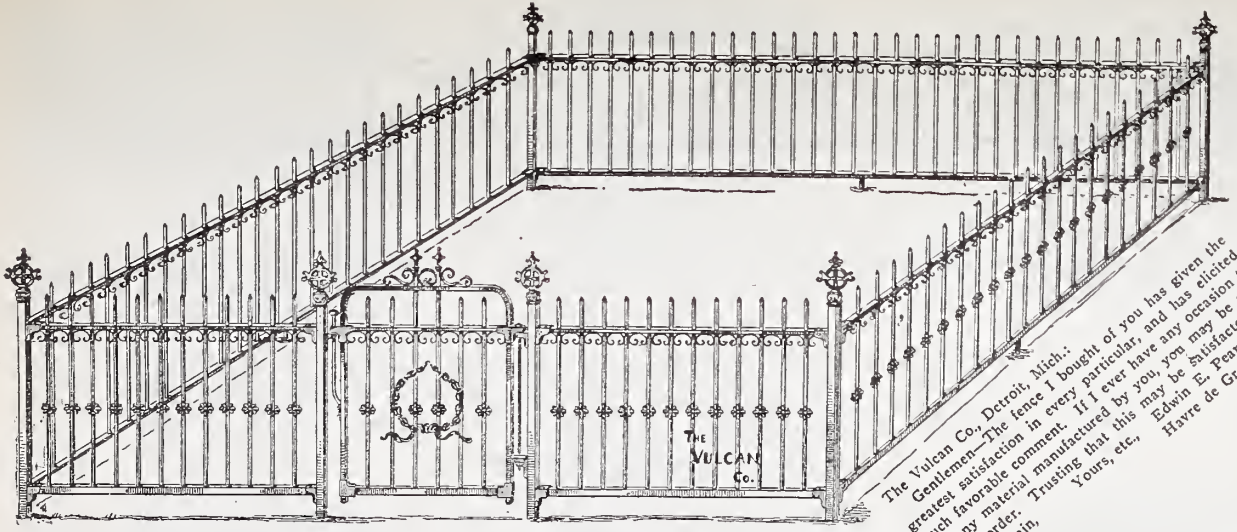


DESIGN NUMBER A—41.

PLAIN, NEAT FENCE FOR CEMETERY ENCLOSURES.

	3-8 Inch	7-16 Inch	1-2 Inch.
30-in. Round Pickets, 34-in. when set. Per foot	80c	87c	93c
36-in. Round Pickets, 40-in. when set. Per foot		97c	$1.05
Single Gates, each, in addition to price per foot	$5.00	$5.50	$5.75

Gate and Corner Posts, each, extra, $3.50.
Single Name Lettered in pure gold leaf, extra, $1.75.
Shipping Weights range from 5¼ lbs to 13¾ lbs. per lin. foot exclusive of Posts.
Shipping Weights of Posts as shown average 35 lbs. each.
This design can be made any desired height.



The Vulcan Co., Detroit, Mich.:
Gentlemen—The fence I bought of you has given the greatest satisfaction in every particular, and has elicited much favorable comment. If I ever have any occasion to use any material manufactured by you, you may be sure of my order. Trusting that this may be satisfactory to you, I remain,
Yours, etc., Edwin E. Pearson,
Havre de Grace, Md.

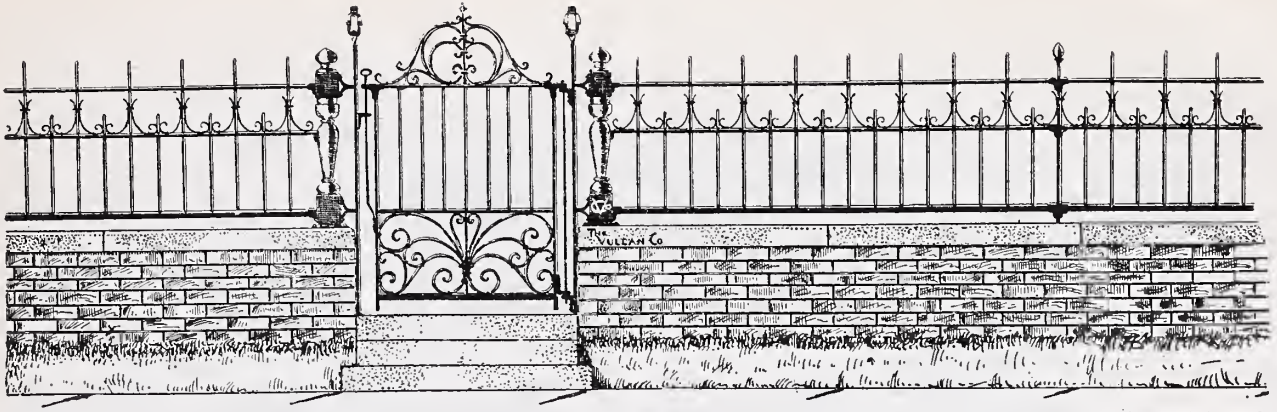
DESIGN NO. D—20.

A VERY ORNAMENTAL FENCE FOR CEMETERY ENCLOSURES.

	7-16 inch.	1-2 inch.	
30-in. Round Pickets, 34 inches when set. Per foot	$1 20	$1 30	Prices include Scrolls and Rosettes.
36 " " " 40 " " " " " "	1 35	1 45	Without Rosettes, 10c per foot less.
Single Gates, each, in addition to price per foot	9 00	9 50	Scrolls, 10c " " "

Gate and Corner Posts, each, $3 50 extra.
Shipping Weights range from 9¼ lbs. to 15 lbs. per lin. ft. exclusive of Posts.
Shipping Weights of Posts as shown average 35 lbs. each.
This design can be made any desired height or size of picket.

NOTE—MALLEABLE PICKET HEADS CAN BE PLACED ON PICKETS, LISTING 10c PER FOOT ADDITIONAL.



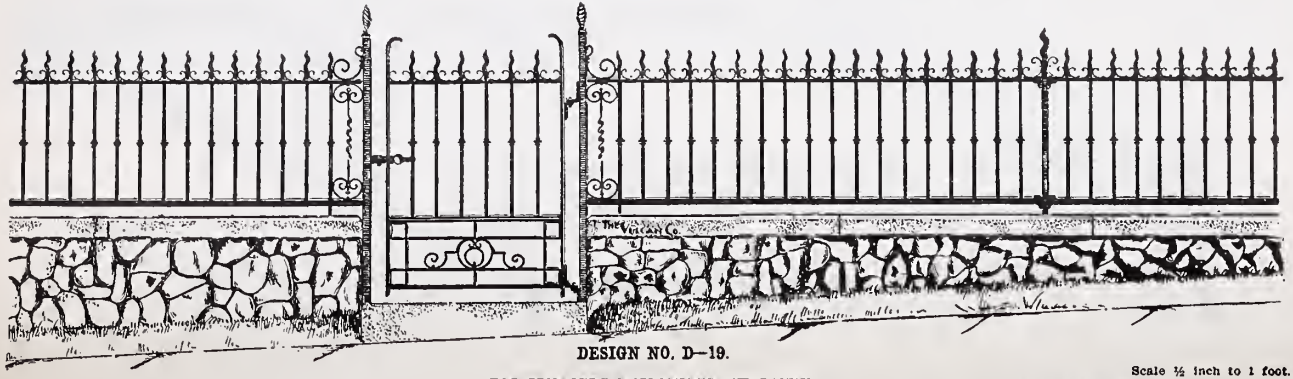
Scale ½ inch to 1 foot.

DESIGN NO. D—18.

FOR CEMETERY ENCLOSURES AND LAWNS.

	Per foot.	Large Posts, each.	Single Gates, each.	Double Gates, each.
½-inch Round Pickets, 32 inches high when set	$0 97	3 85 extra	16 25 extra	32 50 extra
⅝ " " " 32 " " " "	1 15	3 85 "	18 25 "	36 50 "

Height of Gates is made to match coping. Square Pickets can be used. Ask for prices.
Price of Gates is in addition to price per foot.
Approximated Shipping Weights: With ½-inch Pickets, 9¾ lbs. per foot; with ⅝ inch Pickets, 13 lbs. per foot. Cast Posts, 50 lbs. each.



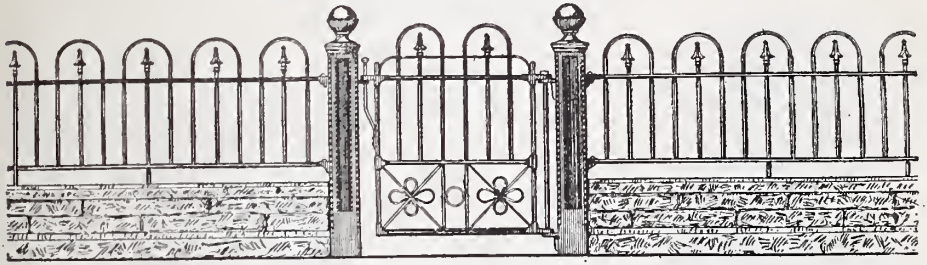
Scale ½ inch to 1 foot.

DESIGN NO. D—19.

FOR CEMETERY ENCLOSURES AND LAWNS.

	⅞-in inch.	½ inch	Posts at Gates and Corners, including Scroll Work.
30 inch Square Pickets, 24 inch when set. Per foot	$ 1 75	1 95	6 75 each.
36 " " 34 " " " "	1 85	2 05	7 00 "
Single Gates, each	8 50	9 50	in addition to price per foot.
Double " "	17 00	19 00	" " " "

WIRE AND IRON FENCES.

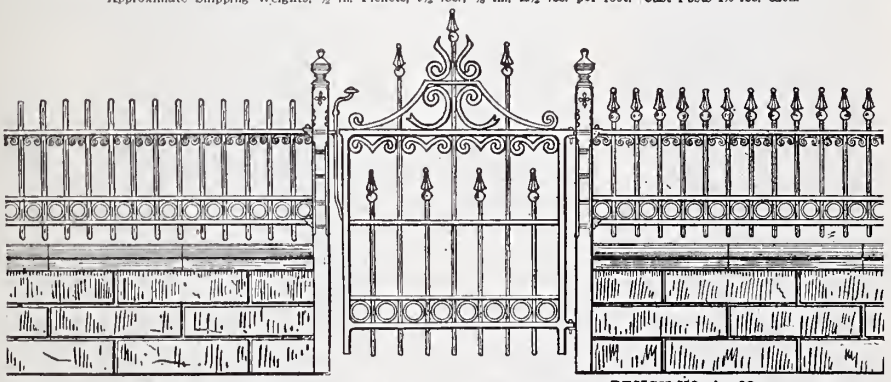


DESIGN NO. A—28.

FENCE TO SIT UPON A COPING.

	1-2 inch.	5-8 inch.
24 inch Round Pickets, 27 inch when set. Per foot	$1.00	$1.15
Single Gates, each, in addition to price per foot	$8.00	$8.50
Double Gates, each, in addition to price per foot	$16.00	$16.75
Cast Gate Posts, each, extra		$7.50

Stock sizes of Cast Posts are for Gates 40 to 46 inches high from ground.
Fence, Gates and Cast Posts can be made to conform to any height of coping.
Approximate Shipping Weights, ½ in. Pickets, 9½ lbs.; ⅝ in., 12½ lbs. per foot. Cast Posts 100 lbs. each.



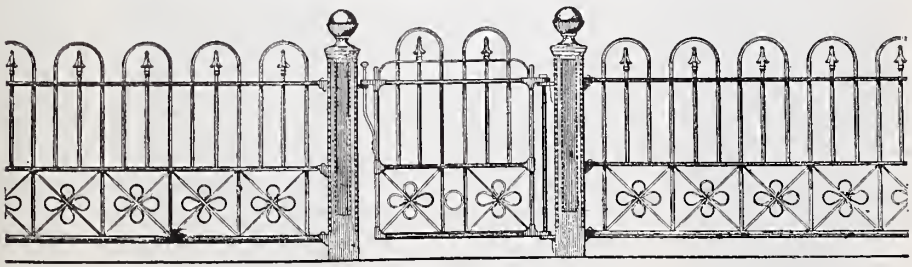
DESIGN NO. A—29.

DESIGN NO. A—30.

FENCE TO SIT UPON A COPING.

	½ inch.	⅝ inch.
Design A-29—24 inch Square Pickets, 26 inch when set. Per foot	$1.25	$1.45
Design A-30—24 inch Square Pickets, 26 inch when set. Per foot	$1.45	$1.65
Single Gates each, in addition to price per foot	$7.00	$7.75
Double Gates, each, in addition to price per foot	$14.00	$15.00
Cast Gate Posts, each, extra		$4.75

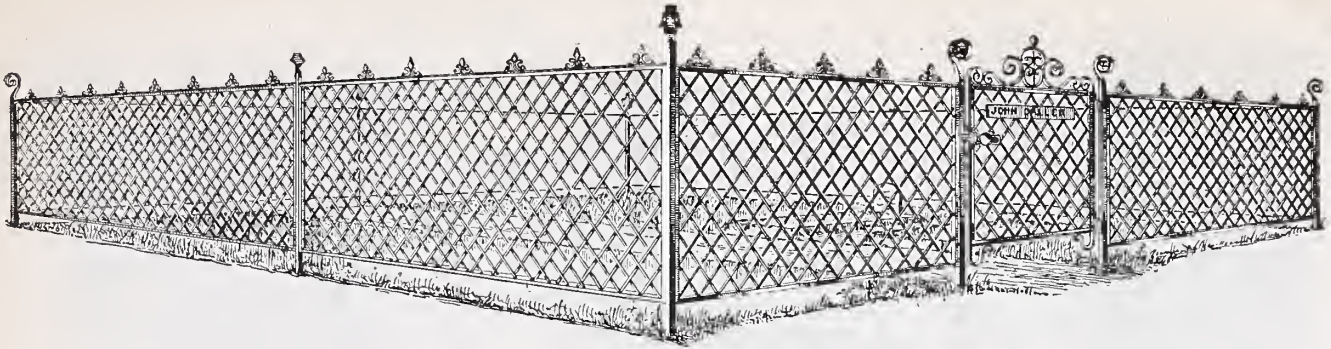
Fence, Gates and Cast Posts can be made to conform to any desired height of coping.
Approximate Shipping Weights: Posts, 70 lbs. each; Fence, per ft., 11 lbs. to 16½ lbs.



DESIGN NO. A—31.

FENCE FOR CEMETERIES AND LAWNS

	7-16 inch.	½ inch.	⅝ inch.
36 inch Round Pickets, 40 inch when set. Per foot	$2.90	$3.00	$3.30
42 inch Round Pickets, 46 inch when set. Per foot	$3.00	$3.10	$3.45
Single Gates, each, in addition to price per foot	$8.00	$8.00	$8.50
Double Gates, each, in addition to price per foot	$16.00	$16.00	$16.75
Cast Gate and Corner Posts, each, extra			$7.50



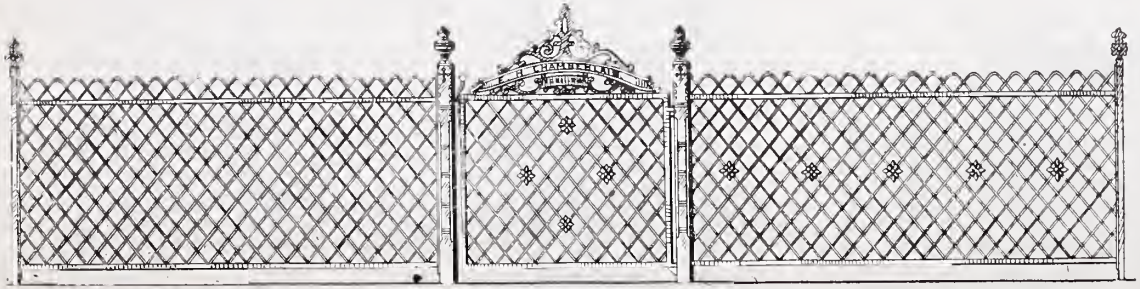
DESIGN NO. A—54.

HEAVY CRIMPED STEEL WIRE FENCE.

This Fence is usually made of about 3-in. Diagonal Mesh Work and Double Crimped Steel Wire, about 3-16 inch diameter, secured into Channel Steel Frames, 1-in. by ½-in. Top Rail is ornamented with neat Pickets. Square Steel Posts at corners and sides of Gates. Line Posts 7 to 8 feet apart. All Posts have substantial foundations to go into ground, or can be fitted to set on stone at same price. Usually painted Deep Green or Black.

Price, 30 inches high to Top Rail, per foot..... **$1.30**
Price, 36 inches high to the Rail, per foot..... **$1.40**

Gates as shown above **$6.00** extra. In addition to price per foot. Corner Posts and Gate Post, **$2.50** each extra. Posts can be omitted at corners and double Channel Bars substituted, costing less than square posts.



DESIGN NO. A—55.

HEAVY STEEL WIRE FENCE.

Usually made of 3-inch Diagonal Mesh 5-32 diameter Steel Wire and Channel Steel Frames. Painted Deep Green or Black.

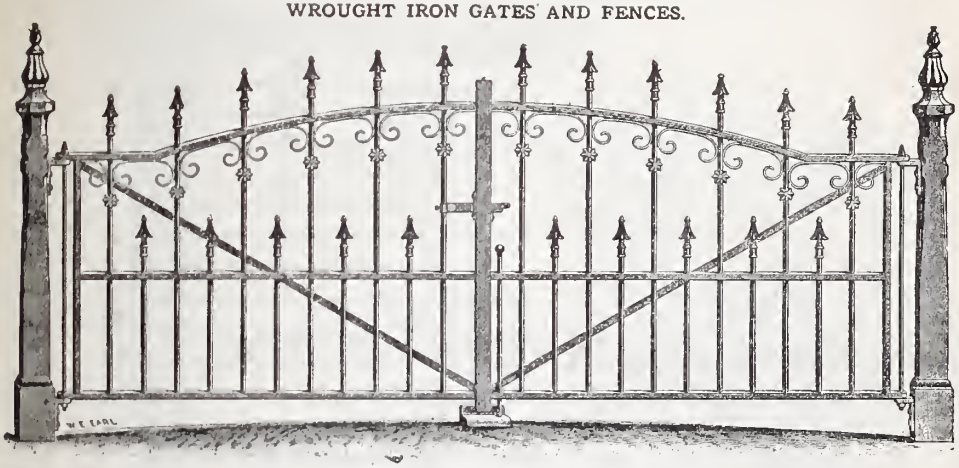
30 inches high, 33 inches high when set. Price, per foot..... **$1.10**
33 inches high, 36 inches high when set. Price, per foot..... **$1.20**
36 inches high, 40 inches high when set. Price, per foot..... **$1.30**

If Rosettes are desired, add 10c per foot.

Gates, including ornamental Arch and Name in Gold, $5.00 extra in addition to price per foot.

Cast Posts (used only at corners and gates), $4.00 extra. It is not necessary to use case posts, we can supply Wrought Steel Posts costing less.

WROUGHT IRON GATES AND FENCES.



VULCAN DESIGN NO. K—274.

DOUBLE CARRIAGE GATES.

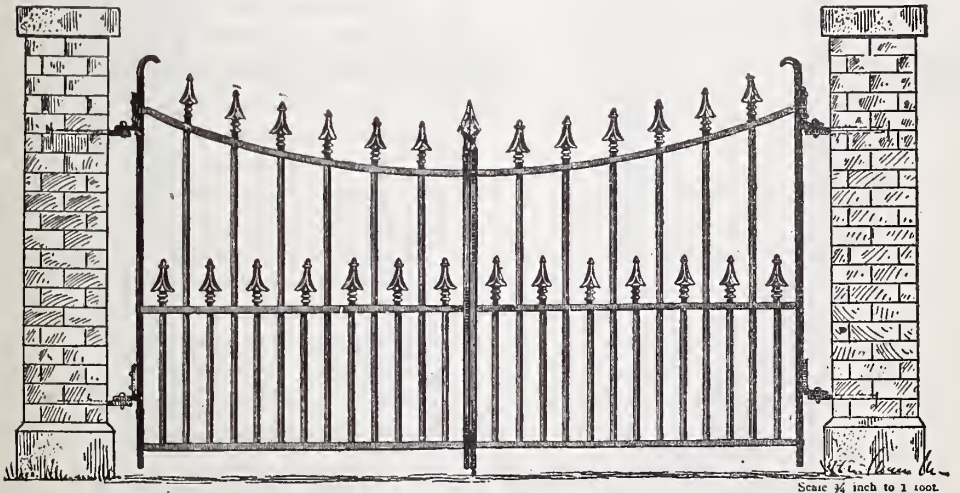
SEE PAGE 95 FOR FENCE TO MATCH THESE GATES.

Usually made 10 feet opening between posts. Made any width or height desired. Open posts can be substituted for cast posts shown, costing same.

Price, ½ inch Round Pickets, 42 inches high in center, without posts	$30 00
Price, ½ inch Round Pickets, 48 inches high in center, without posts	33 00
Price, ⅝ inch Round Pickets, 48 inches high in center, without posts	36 00
Price, ⅝ inch Round Pickets, 54 inches high in center, without posts	39 00

These prices include all attachments for stone or wood posts, latch, bolt, etc., complete.

Cast Posts, extra, each, for 42 inches high	$6 00
Cast Posts, extra, each, for 48 inches high or higher	8 00



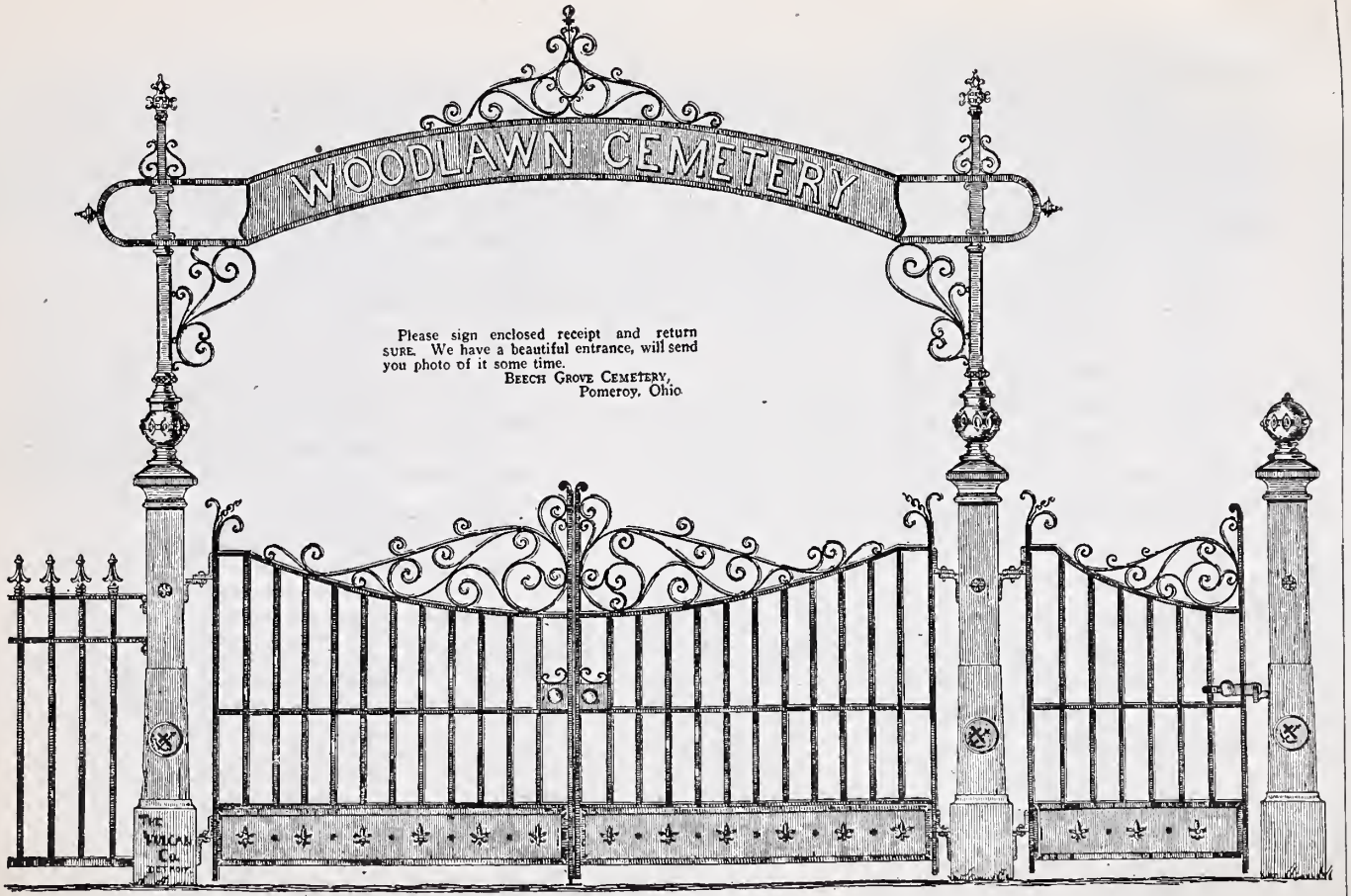
Scale ¾ inch to 1 foot.

VULCAN DESIGN NO. K—275.

MEDIUM PRICED DOUBLE GATES.

	½ in.	⅝ in.
Price—Round Pickets, 12 feet wide, 5 feet high at center, 6 feet at sides	$35 00	$40 00
Price—Round Pickets, 48 inches high, center, 10 feet wide, 60 inches at sides	30 00	33 00

ANY SIZE MADE TO ORDER AT PROPORTIONATE PRICES.


WOODLAWN CEMETERY
Please sign enclosed receipt and return sure. We have a beautiful entrance, will send you photo of it some time.
Beech Grove Cemetery,
Pomeroy, Ohio
THE VULCAN Co. DETROIT

Copyright 1902 by the Vulcan Company.

DESIGN NO. D—30.

CEMETERY AND PARK ENTRANCE GATES, STANDARDS AND LETTERED ARCH.

This design is quite massive. By referring to scale it will be seen that the posts are about 12 inches square at base and weigh about 600 pounds each. The gates are usually made for 12 foot opening, and about 6 feet high in center. Lettering on arch is raised, and generally gilded with gold leaf on face and edges. Parties interested will please write for full particulars and specifications. All our work is strictly first-class and executed in an artistic and substantial manner. State if one or two walk gates are wanted.

VULCAN DESIGN NO. N—503.

Wrought Iron Entrance Gates, Arch and Lettering, and Posts.

Illustration shows only one walk gate. Usually a walk gate is placed at each side of drive gates. **Posts are extended into concrete bases or foundation.** Complete specifications furnished with estimate.

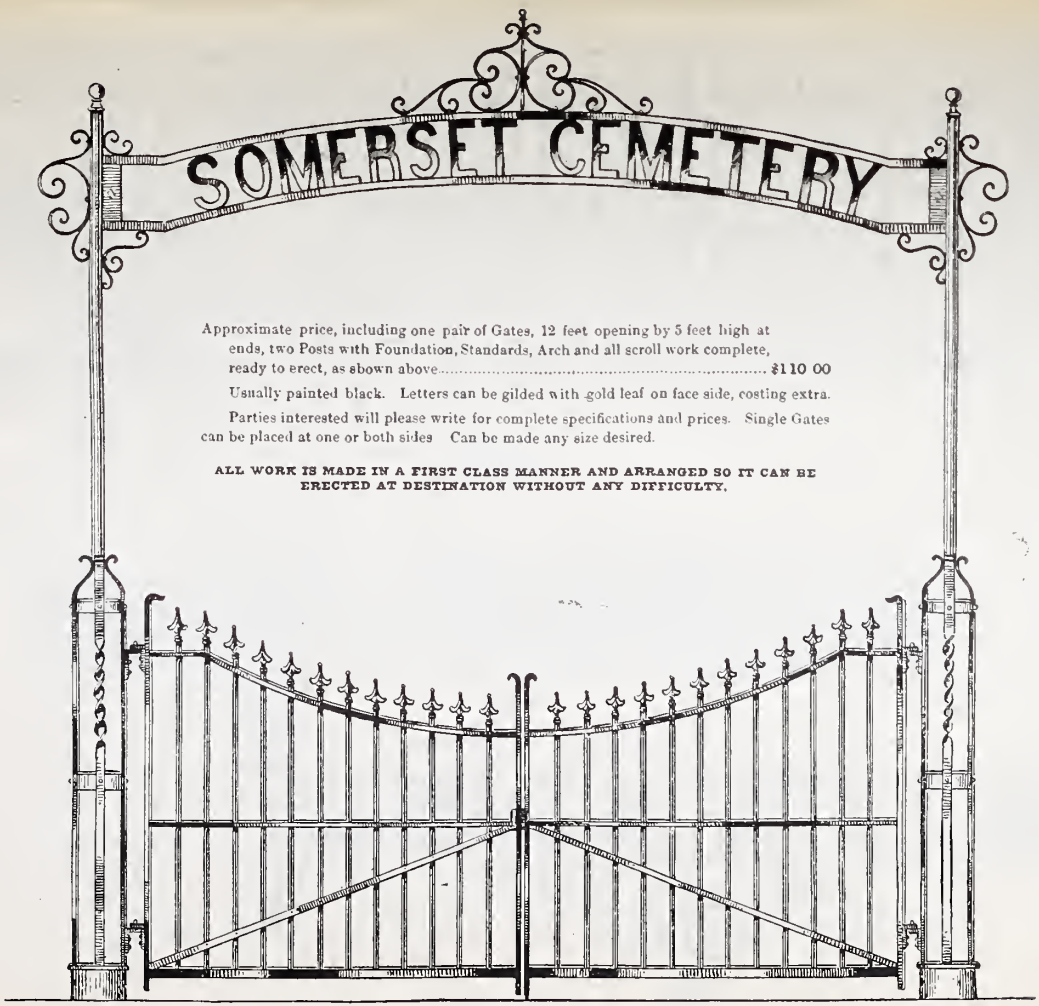
VULCAN DESIGN NO. N—504.

Wrought Iron Gates and Arch.

Above is an illustration of neat and inexpensive Cemetery Entrance and Arch. The posts are built of field or other local stone. We furnish the necessary hangings, etc., to hang to stone or cement posts.

Usual width of opening is 10 to 12 feet. Height of gates at hinge stile 5 to 7 feet. We can place any name desired in arch. Letters are plain heavy block letter. Can be painted white or gilded on face side. We give complete particulars when quoting.

All our work is first class and substantially and correctly made, and will positively give permanent satisfaction.



Approximate price, including one pair of Gates, 12 feet opening by 5 feet high at ends, two Posts with Foundation, Standards, Arch and all scroll work complete, ready to erect, as shown above..... $110 00

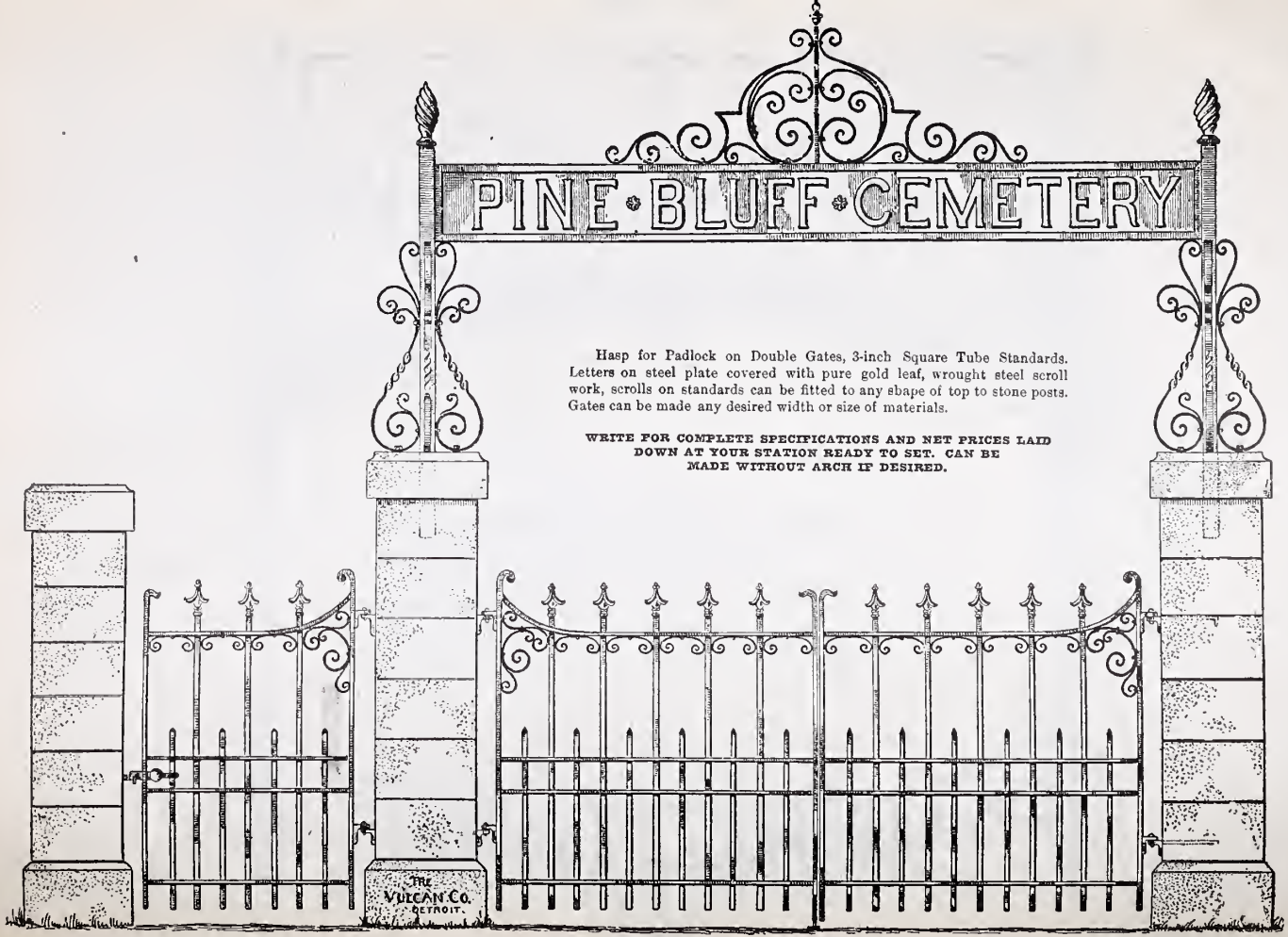
Usually painted black. Letters can be gilded with gold leaf on face side, costing extra.

Parties interested will please write for complete specifications and prices. Single Gates can be placed at one or both sides Can be made any size desired.

ALL WORK IS MADE IN A FIRST CLASS MANNER AND ARRANGED SO IT CAN BE ERECTED AT DESTINATION WITHOUT ANY DIFFICULTY.

DESIGN NO. D—26.

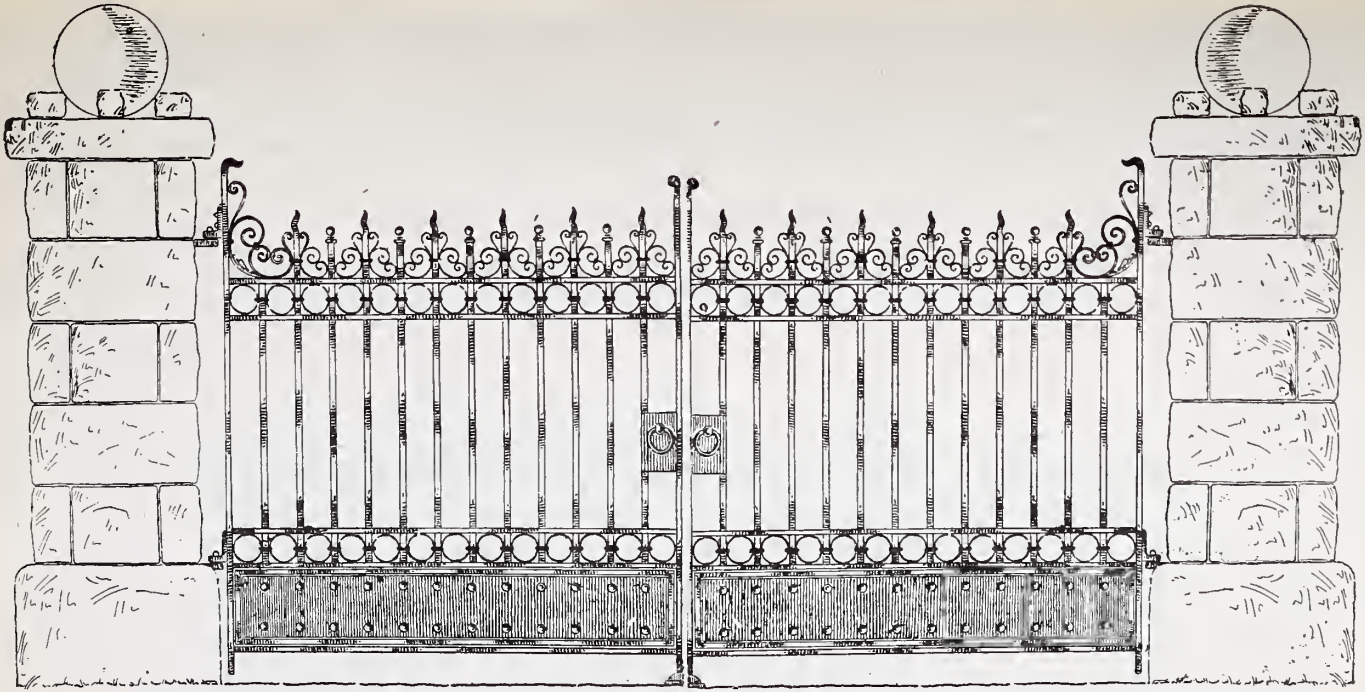
CEMETERY ENTRANCE GATES, POSTS, FOUNDATIONS, STANDARDS AND LETTERED ARCH (ANY NAME).



Hasp for Padlock on Double Gates, 3-inch Square Tube Standards. Letters on steel plate covered with pure gold leaf, wrought steel scroll work, scrolls on standards can be fitted to any shape of top to stone posts. Gates can be made any desired width or size of materials.

WRITE FOR COMPLETE SPECIFICATIONS AND NET PRICES LAID DOWN AT YOUR STATION READY TO SET. CAN BE MADE WITHOUT ARCH IF DESIRED.

DESIGN NO. D—28.
CEMETERY AND PARK ENTRANCE GATES, POSTS, STANDARDS AND LETTERED ARCH.



VULCAN DESIGN NO. N—505.

Heavy Ornamental Wrought Iron Gates for Cemeteries, Parks and Grounds.

This handsome design can be made in any height or width. Sizes of material will be specified with estimate of cost. We furnish everything complete ready to set work in place. Walk gates can be made to match.

Send particulars of your requirements, and if some certain limit of cost has been decided on, state the amount and we will endeavor to submit illustration of something attractive to cost within the desired limit.

All our work is thoroughly well made and we are able to furnish ample references as to our ability to do good work.

VULCAN DESIGN NO. N—506.

Wrought Iron Gates for Cemeteries or Private Grounds.

This handsome design can be made to fit any size opening and of various heights to correspond with the lithic posts. Single walk gates can be made to match. Complete specifications will be furnished with estimate of cost. Above gates were executed for Catholic Cemetery in Minneapolis, Minn.

All this work is made to order only, and purchasers must allow sufficient time for constructing same in a careful and painstaking manner.

VULCAN DESIGN NO. N—507.

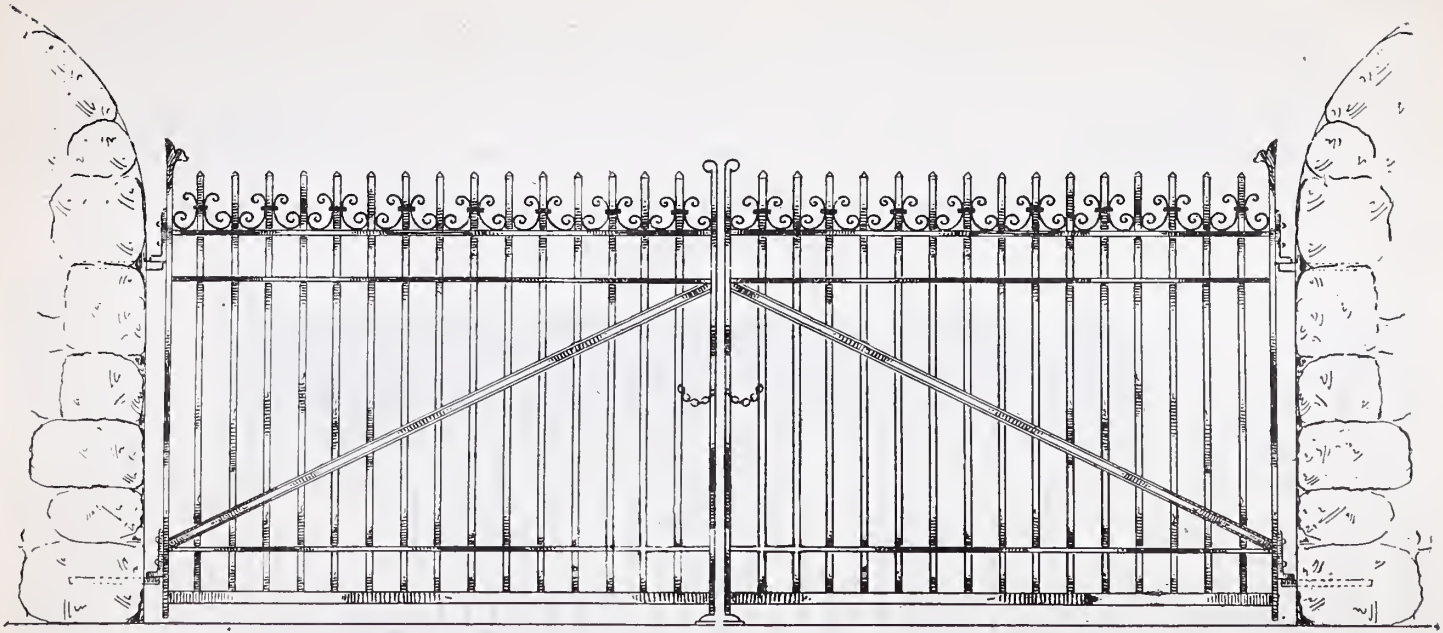
Heavy Wrought Iron Gates for Cemeteries, Parks and Grounds.

This attractive design can be made any height or for any width opening, with sizes of materials to correspond. Full specifications will be furnished with estimate.

These gates are all wrought iron, the picket heads are drop forgings. Solid plate in lower part of gate can be made any height desired.

Usually locked with chain and padlock, or heavy forged hasp and staple. Slide bolt to grade.

If you do not find what you want in this catalog send particulars and we will sketch something special in keeping with your ideas.

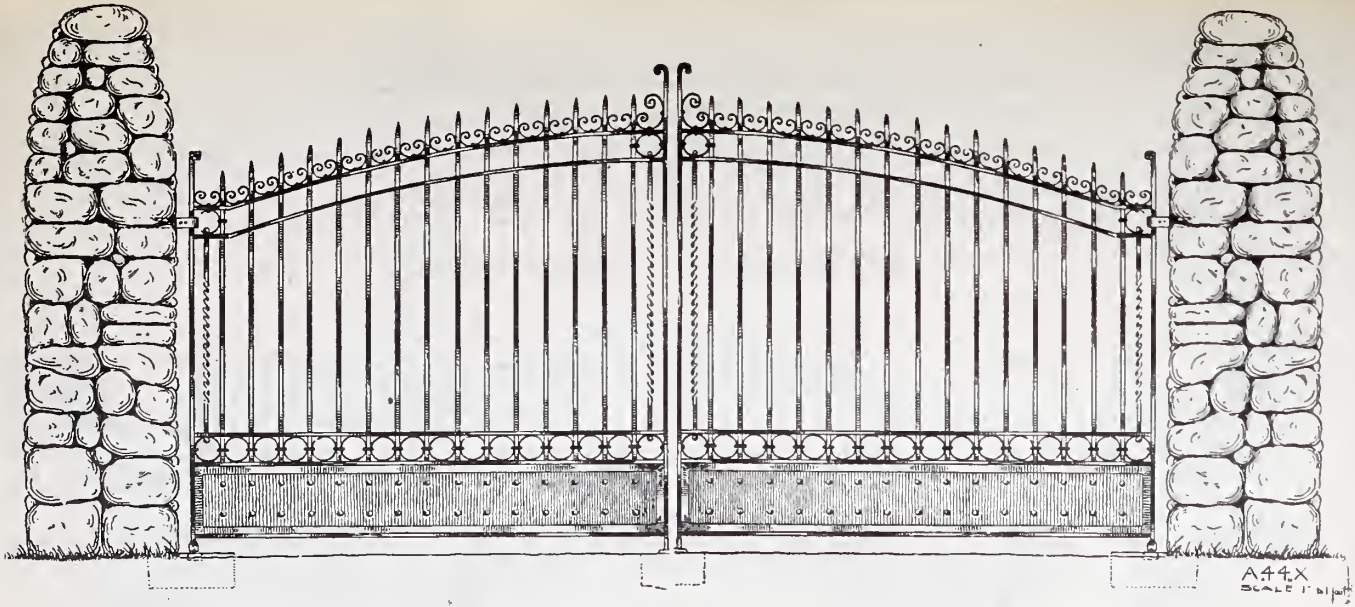


VULCAN DESIGN NO. N—508.

Wrought Iron Gates for Cemetery or Private Grounds.

This is an attractive, substantial Wrought Iron Gate for Driveway. Walk Gates can be made to match. Sizes of material, height, width, etc., can be made as may be desired to meet every condition. We will be pleased to quote prices upon receipt of particulars. We will specify sizes of materials to be used in every part of construction. We furnish everything complete ready to hang gates. Drive Gates are usually locked with slide bolt at bottom entering cast stop block and locked with hasp and staple or chain and padlock.

All our work is first class and executed with skill and careful attention to detail.



VULCAN DESIGN NO. N—509.

Wrought Iron Gates for Cemeteries, Parks or Private Grounds.

This attractive design can be made for any width opening and in various heights and sizes of materials. Posts shown are built of ordinary field stone, which can be had in almost any locality. Send particulars of your requirements and we will give complete specifications and estimate of cost.

Our work is executed with skill and careful attention to details, and of a better quality than the average.

DESIGN NO. D—31.

ORNAMENTAL ENTRANCE FOR CEMETERIES AND PARKS.

This handsome design can be made for any size opening Constructed entirely of wrought iron, except cast block letters. Scroll work forged of heavy materials. Any name can be placed on name plate in raised letters of iron gilded on face, or genuine bronze polished, or it can be omitted entirely

Complete specifications and particulars will be submitted with prices Always send particulars when writing for prices, width of opening, height, how many single gates, etc.

Positively the best class of work guaranteed

IF OUR REGULAR DESIGNS DO NOT PLEASE YOU, WE WILL BE GLAD TO SUBMIT SPECIAL DESIGN IN KEEPING WITH YOUR IDEAS. ALL WORK GUARANTEED FIRST CLASS.

The Vulcan Co. Detroit, Mich..
Dear Sirs—The gates for the Poquetanuck Cemetery Association were received last week and are satisfactory. Yours truly,
GILBERT S. RAYMOND, Secretary,
Norwich, Conn.

DESIGN NO. D—34.

MASSIVE AND ELABORATE GATES FOR CEMETERIES AND PUBLIC GROUNDS

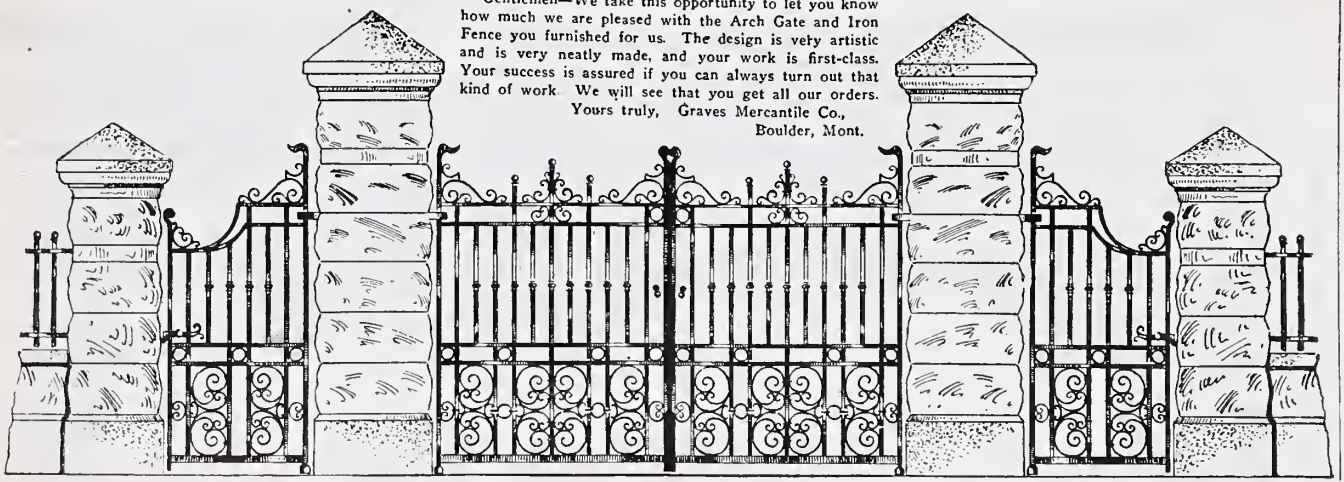
MADE ANY WIDTH OR HEIGHT DESIRED. MATERIALS IN PROPORTION.

IF INTERESTED WRITE FOR COMPLETE SPECIFICATIONS AND PRICES. SPECIAL DESIGNS FURNISHED GRATIS WHENEVER DESIRED.

The Vulcan Co., Detroit, Mich.:

Gentlemen—We take this opportunity to let you know how much we are pleased with the Arch Gate and Iron Fence you furnished for us. The design is very artistic and is very neatly made, and your work is first-class. Your success is assured if you can always turn out that kind of work. We will see that you get all our orders.

Yours truly, Graves Mercantile Co.,
Boulder, Mont.

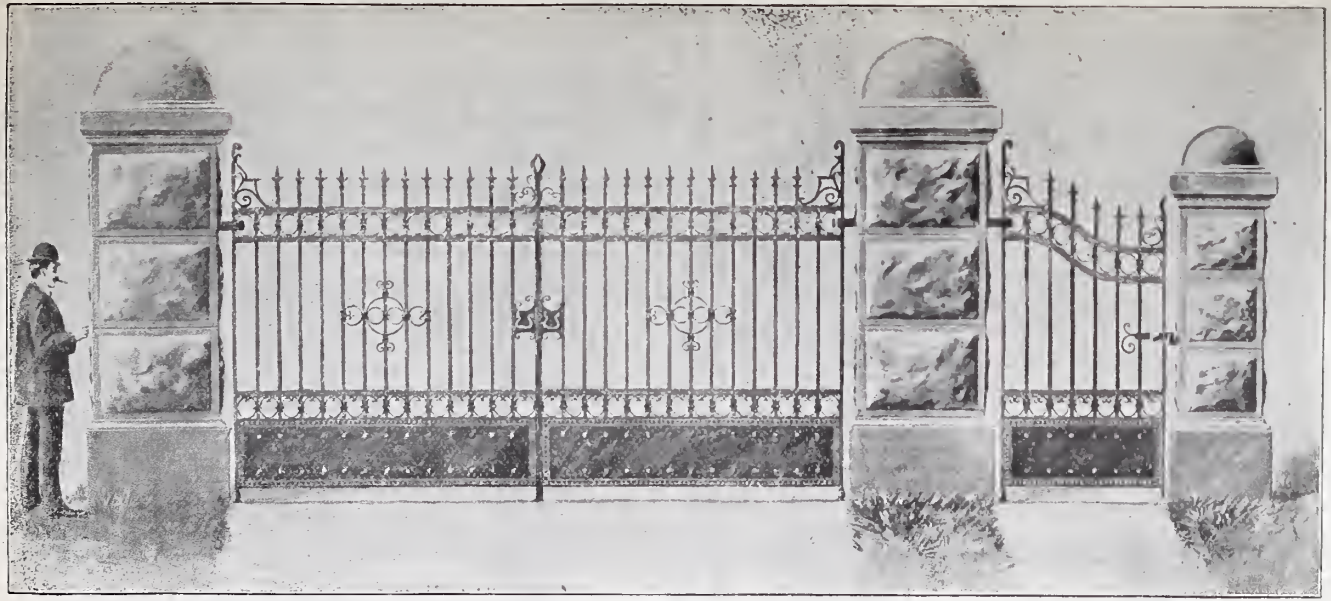


DESIGN NO. D—35.

ORNAMENTAL WROUGHT IRON GATEWAYS.

This is a very artistic and attractive design suitable for cemetery entrance, parks, lodges and private grounds. Posts are generally built of stone or granite, or cement blocks can be used where something inexpensive is desired. Double gates are usually made for openings 12 to 16 feet wide, single gates for 4 to 5 feet openings. Height about 6 to 8 feet. When writing for prices, kindly state about what size is desired, and we will give complete specifications and particulars covering the entire work.

ALL OUR WORK IS MADE BY COMPETENT MECHANICS AND FINISHED IN AN ARTISTIC MANNER, WELL PAINTED WITH BEST GRAPHITE PAINT OF A RICH COLOR AND MADE ESPECIALLY FOR US.



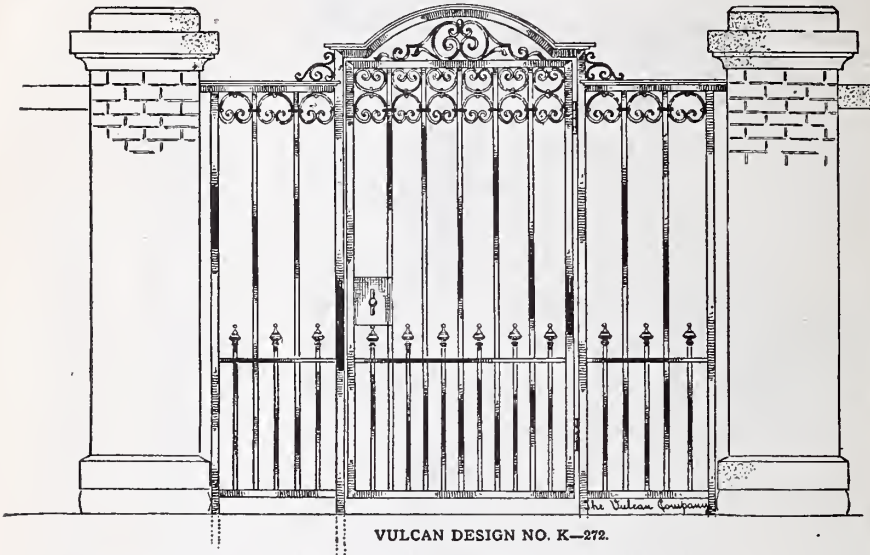
DESIGN NO. C—200.

Above illustration show a pair of large driveway gates and walk gate executed by us for cemetery at Oneonta, N. Y. The figure of man at the left will give an idea of the proportions. These gates were constructed entirely of wrought iron, no cast or malleable parts being used anywhere. We hold a most complimentary testimonial from the purchasers of these gates.

We make a specialty of artistic wrought iron entrances and will be pleased to submit special designs at any time of either moderate priced or expensive work. The above design, both in metal and granite, was original with us. Associations having a stipulated appropriation for similar entrances can advise us of the amount, when we will, in sketching, apportion the expenditure between stone and metal work so as to obtain correct artistic effect.

REFER TO LETTER AND NUMBER. DO NOT MUTILATE CATALOGUE.

ORNAMENTAL FORGED WROUGHT IRON ENTRANCE GATES FOR CEMETERIES, PARKS, PUBLIC AND PRIVATE GROUNDS.

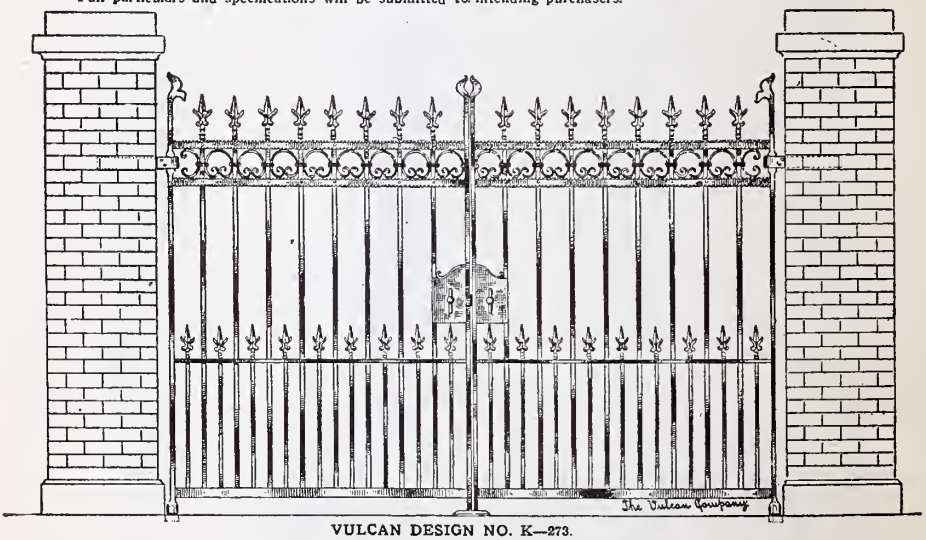


The Vulcan Co., Detroit, Mich.:
Gentlemen—The Wrought Iron Gates furnished me are very satisfactory and very nice in appearance.
H. W. Chittenden,
Burlington, Iowa.

VULCAN DESIGN NO. K—272.

ORNAMENTAL FORGED WROUGHT IRON ENTRANCE GATE.

Executed for Mr. W. J. Chittenden, Burlington, Iowa. (Our original design.) Refer to scale for proportions.
Full particulars and specifications will be submitted to intending purchasers.



VULCAN DESIGN NO. K—273.

ORNAMENTAL FORGED WROUGHT IRON DRIVEWAY GATE.

These gates are made entirely of Wrought Iron, executed in a skillful manner.
Spear heads are forged—(not malleable or cast). We furnished a pair of these gates for Mr. W. J. Chittenden, of Burlington, Iowa, who complimented us on the attractive and substantial construction. Design is original with us.
We will be pleased to enter into correspondence with intending purchasers and submit **SPECIAL DESIGNS** to meet all conditions. Full specifications given with proposal.

VULCAN DESIGN NO. N—522.

Wrought Iron Entrance.

Above illustration shows Wrougnt Iron Gates and Posts suitable for Entrances to Parks, Cemeteries, Public and Private Grounds, etc.

Full specifications given with estimate of costs. Usual width for double gates is 12 feet and for single gates 4 feet. Posts have extensions to go into ground about 4 feet and set in concrete. We furnish ornate back braces for posts.

Write us with full particulars and we will be pleased to quote and if our catalog illustrations do not please you, we will design something special.

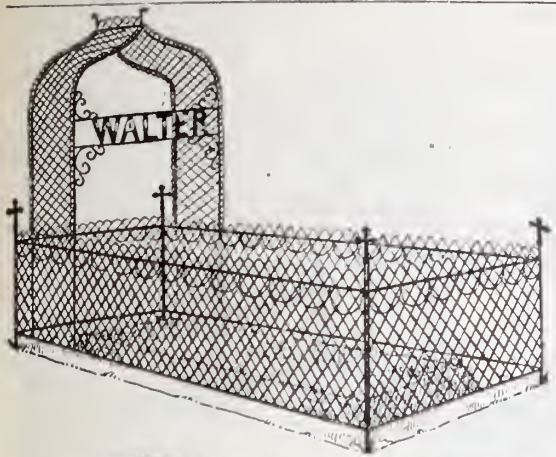
VULCAN DESIGN NO. N—523.

Wrought Iron Entrance.

Above illustration shows Wrought Iron Gates and Posts and open work lettered arch suitable for Entrance to Parks, Cemeteries, Public and Private Grounds.

Full specifications given with estimate of cost. Usual width for double gates is 12 feet and for single gates 4 feet. Posts have extensions to be set into concrete foundations. We furnish ornate back braces for post.

Write us when in the market for work of this nature, if our Catalog illustrations do not please, we can design something special, embodying any special features suggested to us.



DESIGN NO. D—73.

WIRE GRAVE GUARD WITH ARCH AND NAME PAINTED GREEN AND BRONZED. 24 IN. HIGH.

Price, Size 4½ feet long and 24 inches wide..... .....$10 00
" " 5 " " " 24 " " 11 00
" " 6 " " " 30 " " 12 00
" " 7 " " " 36 " " 13 00

Other neat ornaments in place of crosses if desired, at same price.

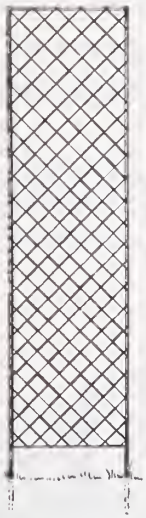
DESIGN NO. D—74.

WIRE ARCH FOR SINGLE GRAVES, WITH NAME AND HANGING BASKET.

48 inches high by 24 inch span.....$6 00
60 " " " 30 " " 7 50
72 " " " 36 " " 9 00

Usually painted green. Name bronzed. Other sizes made to order.

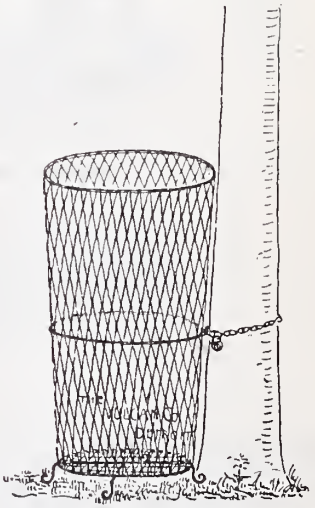
Without name, list $2 00 less.



DESIGN NO. D—75.

WIRE TRELLIS FOR CLIMBING VINES. MADE ANY SHAPE OR SIZE —PAINTED GREEN.

Price, per square foot, 20c.



DESIGN NO. D—76.

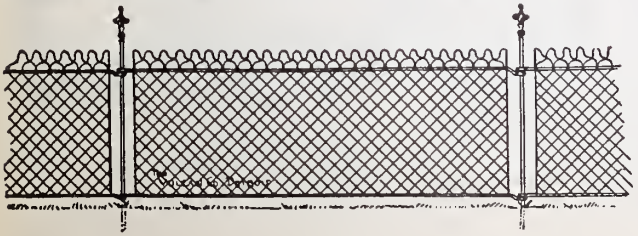
HEAVY WIRE LITTER BASKET FOR PARKS, CEMETERIES, LAWNS, PUBLIC GROUNDS, ETC.

These Baskets are intended for papers and other litter, with which lawns are frequently disfigured.

Price, usual size, 36 inches high, 24 inches in diameter at top, 18 inches at bottom, including chain and padlock..... .....$5 00

Painted Green.

SPECIAL PRICE IN QUANTITIES.



DESIGN NO. D—77

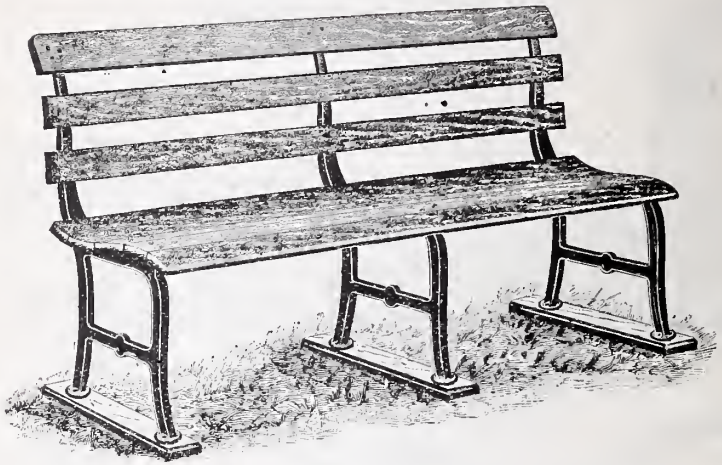
LAWN OR FLOWER BED BORDER, WITH STANCHIONS TO STICK INTO GROUND. USUALLY PAINTED GREEN.

15 inches high, price per running foot..... ..... 30c
18 " " " " " " 35c
24 " " " " " " 40c

Including Stanchions.

SPECIAL PRICE IN QUANTITIES.

PARK AND LAWN SETTEES.



DESIGN NO. D—78.

CAST LEG, WOOD SLAT SETTEE FOR CEMETERIES AND PARKS.

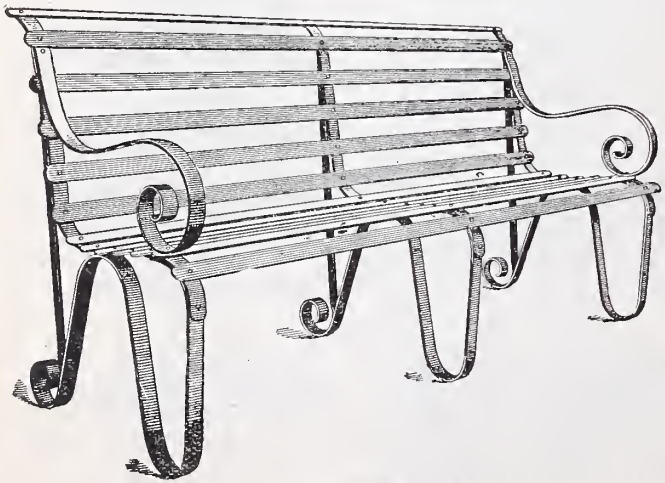
	5 ft.	6 ft.	7 ft.	8 ft.
Price, each, legs japanned, slats oiled.....	$5 80	$6 60	$7 40	$8 20

A very strong Settee, especially adapted for use in public grounds.

Shipped knocked down to save freight, put together with bolts—holes bored by us.

Wood strips on ground to be supplied by customer, if deemed necessary. Can furnish them painted any desired color at slight additional price.

Five-foot lengths have only two standards. Finely finished.



DESIGN NO. D—79.

WROUGHT STEEL SETTEE FOR PARKS, PUBLIC GROUNDS, CEMETERIES, ETC.

Made entirely of Wrought Steel and is the strongest Settee in the market. Legs, Bracce and Arms detachable so parts bundle and nest close for shipping at low freight rates.

Painted deep green.

Price, 5 feet long, 3 legs.....	$12 00
" 6 " " 3 "	13 00
" 7 " " 3 "	14 50

If no Arms are wanted, deduct 50c per pair.

SPECIAL PRICE IN QUANTITIES.

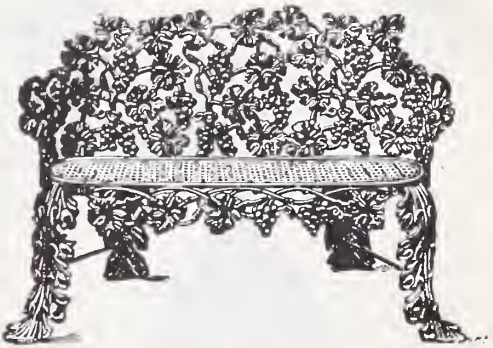
THE STRONGEST AND MOST COMFORTABLE SETTEES MADE.

IRON CHAIRS AND SETTEES.

DESIGN NO. D—80.

GOTHIC LAWN OR CEMETERY SETTEE.

About 38 inches long. Price, each $16 00



DESIGN NO. D—81.

GRAPEVINE PATTERN SETTEE.

2-Seat, about 29 inches long..... $10 00
3-Seat, about 42 inches long..... 12 00

OUR SETTEES ARE WELL MADE HEAVY CASTINGS AND FINISHED IN AN ATTRACTIVE MANNER, USUALLY PAINTED DEEP GREEN AND BRONZE.

DESIGN NO. D—82.

PASSION FLOWER SETTEE.

About 42 inches long, each..... $17 00

THIS IS A VERY MASSIVE AND HANDSOME PATTERN.

DESIGN NO. D—83.

GRAPEVINE CHAIR.

Price..... $6 00

IRON RESERVOIR VASES.

DESIGN NO. D—84.

Height to top of Handles	55 inches
Diameter of Vase	28 "
Width, including Handles	38 "
Capacity of Reservoir	2½ gallons
Price, Painted White	$26 00
" " and Bronzed	30 00

Without Handles deduct $4.00 from above

DESIGN NO. D—85.

Height to top of Handles	48 inches
" " " " Vase	43 "
Diameter of Vase	22 "
Capacity of Reservoir	3 gallons
Price, Painted White	$20 00
" " and Bronzed	23 00

Without Handles deduct $3.00.

DESIGN NO. D—86.

SAME AS ABOVE, ON A LOW PEDESTAL LIKE D-90.

Painted White, with Handles	$17 00
" and Bronzed	20 00

Without Handles deduct $3,00.

DESIGN NO. D—87.

Height to top of Handles	38 inches
" " " " Vase	34 "
Diameter of Vase	21 "
Width, including Handles	36 "
Capacity of Reservoir	2½ gallons
Price, Painted White	$15 00
" " and Bronzed	18 00

Without Handles deduct $3.00.

DESIGN NO. D—88.

SAME AS ABOVE WITH PEDESTAL, LIKE D-84.

Price, Painted White	$18 00
" " and Bronzed	22 00

Without Handles $3.00 less.

IRON RESERVOIR VASES.

DESIGN NO. D—89.

DESIGN NO. D—89.

Height to top of Handles	62 inches
Height to top of Vase	56 "
Diameter of Vase	37 "
Width, including Handles	64 "
Base (square)	21 "
Capacity of Reservoir	16 gallons
Price, Painted White	$ 94 00
" Painted and Bronzed	100 00

IF HANDLES ARE OMITTED.

Price, Painted White	$75 00
" Painted and Bronzed	80 00

DESIGN NO. D—90.

Height to top of Handles	39 inches
Height to top of Vase	34 "
Diameter of Vase	28 "
Width, including Handles	43 "
Capacity of Reservoir	2½ gallons
Price, Painted White	$20 00
" Painted and Bronzed	23 00

Without Handles deduct $4 00 from above.
Without Lower Base deduct $4 00 from above.

THE WATER IN RESERVOIR KEEPS THE SOIL MOIST FOR 10 TO 15 DAYS WITHOUT REWATERING. RESERVOIR VASES ARE PERFECT VASES.

DESIGN NO. D—91.

Height to top of Vase	46 inches
Diameter of Vase	37 "
Base (square)	21 "
Capacity of Reservoir	16 gallons
Price, Painted White	$63 00
" Painted and Bronzed	68 00

MAUSOLEUM WORK

—IN—

STANDARD BRONZE

COPPER, BRASS AND WROUGHT IRON

DOORS and GATES for Mausoleums
Receiving Vaults and Burial Tombs
Window Grills, Catacomb Handles
Window Frames, Ventilators
Hinges and Locks for Stone or Marble Doors
Cast Bronze Memorial Tablets
Special work of all kinds

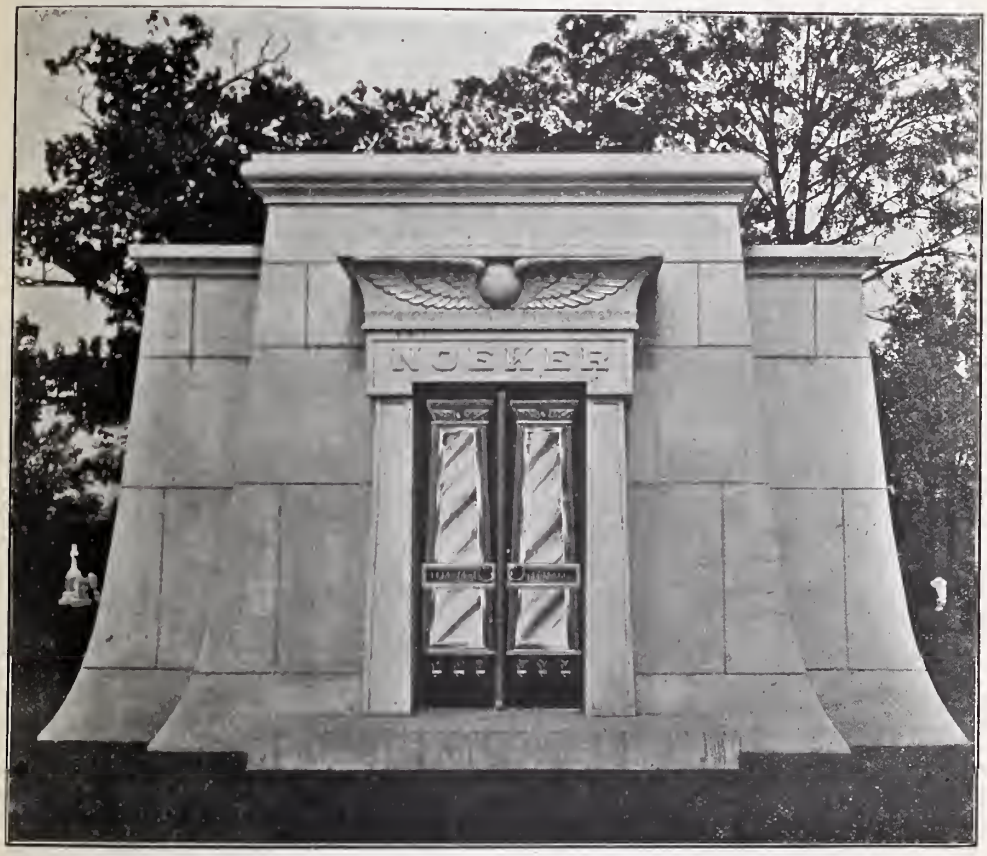
Send for our Special Catalog M, if interested

We have established a reputation for high class work in this line, and are furnishing many of the prominent mausoleum builders.

Special designs furnished gratis.

References on application.

STANDARD BRONZE WORK FOR MAUSOLEUMS.



VULCAN DESIGN NO. N—510.

Above illustration shows a Mausoleum of the Egyptian order. This was erected for the Nocker family at Mt. Olivet Cemetery, Detroit, of Barr Granite.

We furnish the massive Standard Bronze Doors, and all other interior Bronze work.

If interested in Mausoleum work, send for our Catalog M.

STANDARD BRONZE WORK FOR MAUSOLEUMS.

VULCAN DESIGN NO. N—511.

Above illustration shows a modern type of a Granite Family Mausoleum at Saginaw, Mich., Cemetery, for which we furnished all the Bronze work.

We make a specialty of designing and manufacturing structures of this character with Standard Bronze Doors and Gates, Window Grills, Window Frames, Catacomb Handles, Ventilators, and parties interested in such work should send for our Special Catalog M.

Standard Bronze work will positively not corrode. It requires no care whatever and will last for ages.

STANDARD BRONZE WORK FOR MAUSOLEUMS.

VULCAN DESIGN NO. N—512.

Above illustation shows a Family Mausoleum at LaFayette, Indiana.

We furnish the Bronze Doors, also Crypt Handles, Window Grills, Frames, Ventilators, etc.

We are specialists in this line and our Catalog M shows many other designs. We can submit special designs for this work upon receipt of particulars.

STANDARD BRONZE WORK FOR MAUSOLEUMS.

VULCAN DESIGN NO. M—513.

This illustration shows a handsome pair of doors for Mausoleum or Receiving Vaults in Cemeteries.

This and other doors illustrated in this Catalog are merely indicative of this particular line.

Our Catalog "M" illustrates this class of work properly.

These doors are fitted complete with hinges, threshold, 5 tumbler lock, slide bolts, etc., ready to set.

The grills have hinged glass shutters on rear side, which can be opened during the summer and closed tight during the winter or inclement season.

Our work in this line is positively of the highest merit in workmanship and finish.

STANDARD BRONZE WORK FOR MAUSOLEUMS.

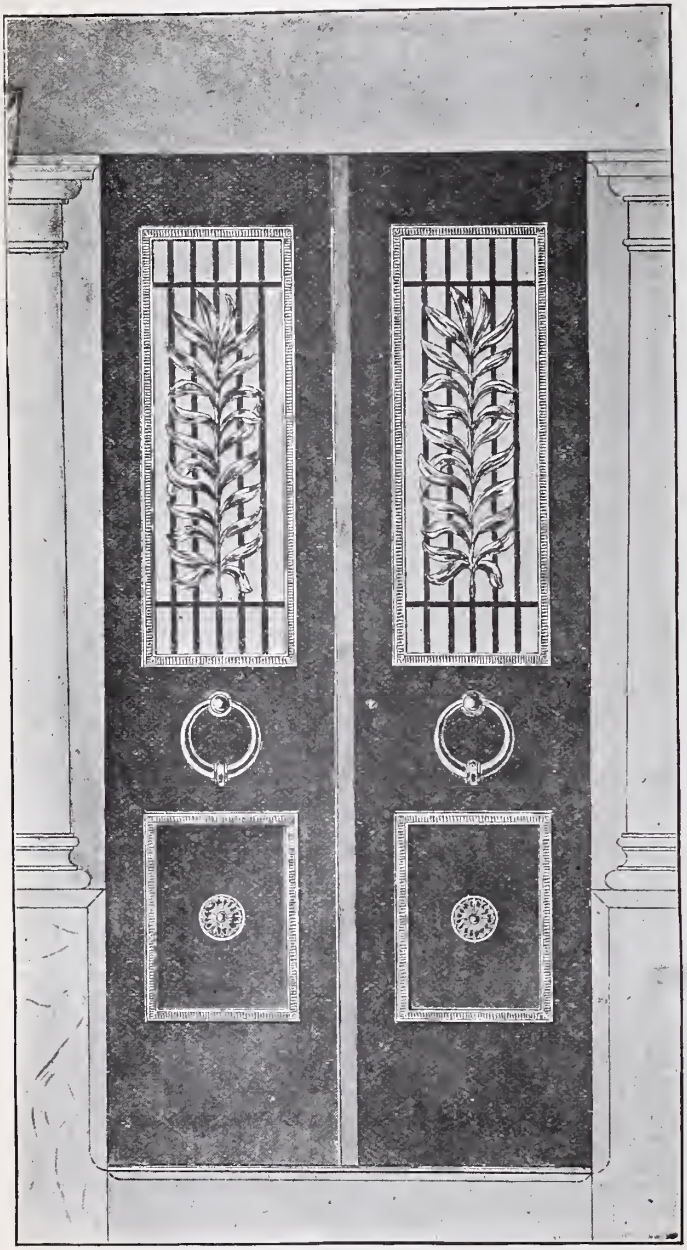
VULCAN DESIGN NO. N—514.

We have shown in this Catalog a few designs of Standard Bronze Doors for Mausoleums or Cemetery Receiving Vaults.

These doors are constructed with the most painstaking care and precision, of Genuine Standard Bronze material, and are practically indestructible, as exposure to the weather does not corrode them, and will last for ages without any attention or care.

We design and build doors and gates and will be pleased to enter into correspondence with prospective buyers and give them complete information regarding such work.

BRONZE DOORS FOR MAUSOLEUMS AND RECEIVING VAULTS.



VULCAN DESIGN NO. N—515.
Standard Bronze Door for Mausoleum.

We make a specialty of Bronze Doors for Mausoleums.

We have shown a few designs in this Catalog, but parties interested in this class of work should send for our SPECIAL CATALOG M Illustrating and describing this class of work in a profuse manner.

In writing for prices state size desired and make sketch of opening.

We positively make the very highest class of work obtainable in this line.

The work is fitted complete ready to set in place.

Our Standard Bronze Doors will positively not corrode and will last practically forever.

BRONZE DOORS AND GATES FOR RECEIVING VAULTS.

This illustration shows a neat simple pair of Doors for Receiving Vault.

Windows in upper portion have glass shutters on hinges so they can be opened for Ventilation.

Our doors are furnished complete ready to hang in place.

We can execute this work in Wrought Iron if something less expensive than Bronze is desired.

VULCAN DESIGN NO. N—516.

Standard Bronze Doors for Mausoleum.

Doors and Gates for Mausoleums.

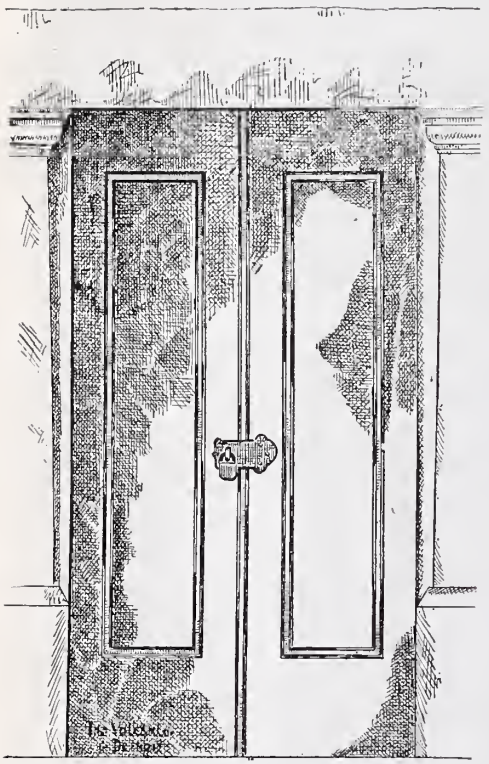


Illustration No. H—16.

Scale ¾" to 1 foot.

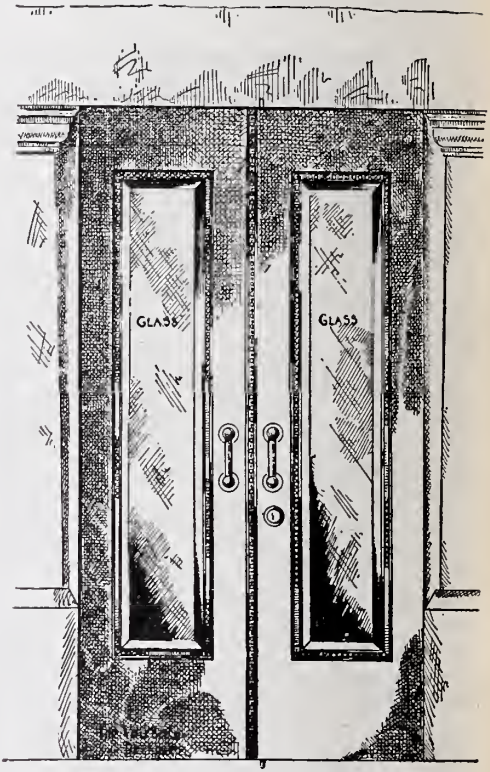


Illustration No. H—17.

Solid Doors for Mausoleums.

Usual specifications for Steel Doors. Steel plate 3/16 inch thick. Riveted to Angle stiffening frame. Mouldings of ornamental rolled steel. Slide bolts at top and bottom, Slamming Bar on face side. Forged Hasp and Staple and Yale padlock, Heavy Forged Hinges of strap pattern to secure to stone work with Expansion Bolts, or pivot arrangement. Doors can "lap" on face of stone or set in rabbett. Finished Deep Black paint.

Usual size 3′ 6″x6′ 6″.....$75.00
Fitted with our best dead lock 80.00

Same specifications apply as on Illustration Number H-16. This door has heavy bevel edged plate glass panels, and is usually fitted with our best dead lock and Bronze Pulls.

Price in steel, finished deep black $125.00
Made to order any size or shape.

Above doors can also be executed in Bronze or Brass Material, and of the single or double construction type.
Write for prices, stating size desired.
We furnish everything complete ready to hang the doors.

PLEASE DO NOT CUT THIS CATALOG. REFER TO ILLUSTRATION NUMBER WHEN WRITING.

Doors and Gates for Mausoleums.

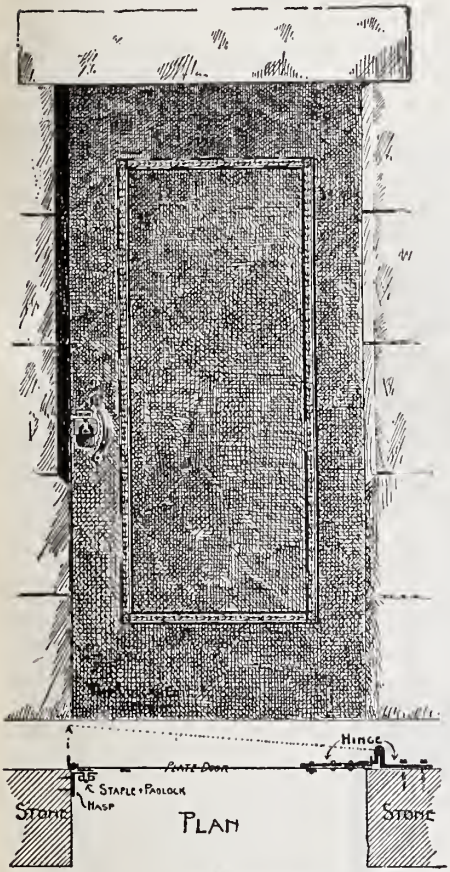


Illustration No. H—14.

Scale ¾" to 1 foot.

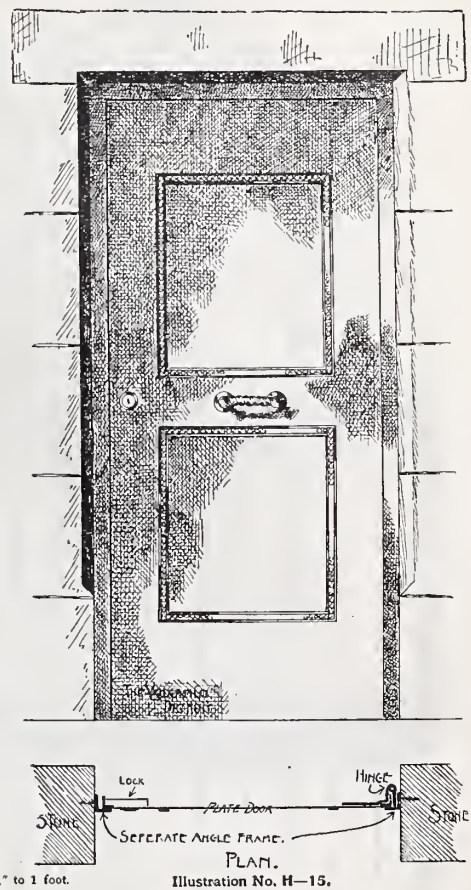


Illustration No. H—15.

Door for Mausoleum or Receiving Vault.

Steel Doors are generally made of 3/16 inch thick steel plate, with suitable angle steel frames. Ornamental rolled steel moldings form paneling on face side. Usual size for opening, 36x78 inches. ANY SIZE MADE TO ORDER.

Price for above Door, complete with heavy forged Hinges, Hasp, Staple, Yale Padlock, Bolts, etc., ready to hang in place. Steel material, painted one coat $45.00

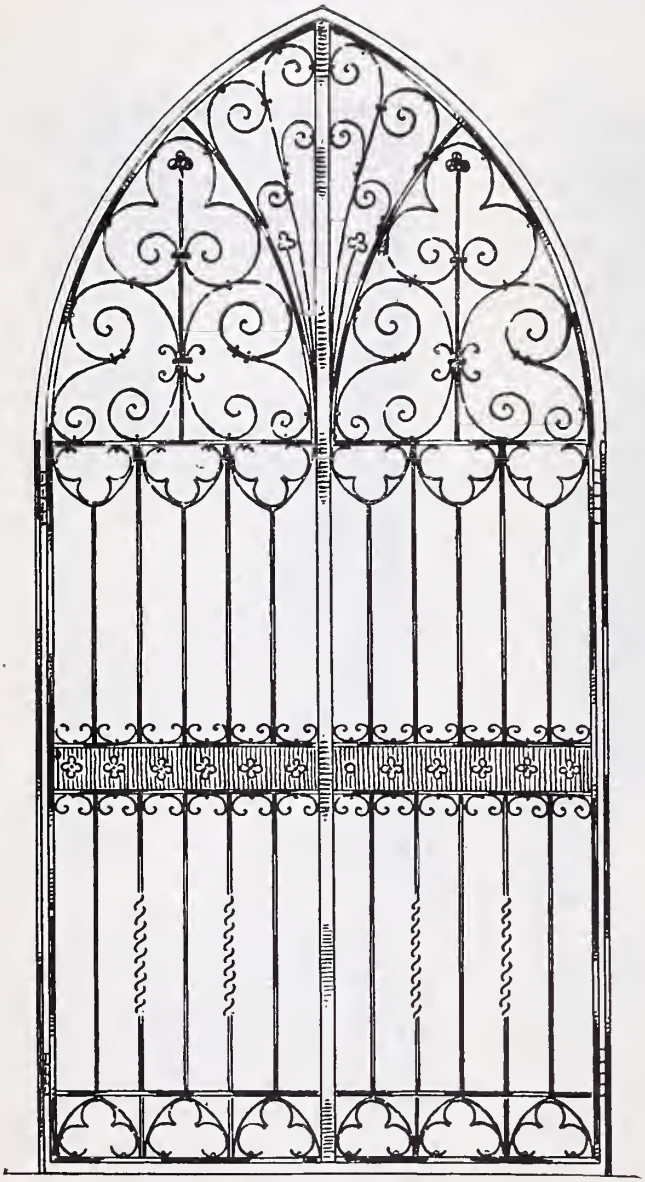
Door for Mausoleum or Receiving Vault with Separate Angle Iron Frame at Sides and Top.

SPECIFICATIONS:

Door made of 3/16 inch Steel Plate, riveted to Angle Steel Frame. Panels formed of Rolled Steel Mouldings. Dead Lock, with heavy Bronze Bolt and two flat Keys. Ornamental Brass Pull. 2x2x¼ separate Angle Frame, secured to stone work with expansion or leaded bolts, or can be anchored in wall. Heavy Forged Hinges. Complete, ready to hang, finish Black, usual size opening 36x78 inches. Price $75.00

If made without separate angle frame, so as to lap on inside of opening, like Illustration Number H-14. Fitted with Yale padlock. Price $60.00

These doors are made to order to fit any size opening desired. Complete specifications will be furnished upon application. Above designs can also be furnished in Bronze or Brass. Price on application.



VULCAN DESIGN NO. N—517.

This illustration shows a double gate executed by us in Genuine Standard Bronze for Mausoleum in Honolulu, H. I., for Mausoleum in Gothic style.

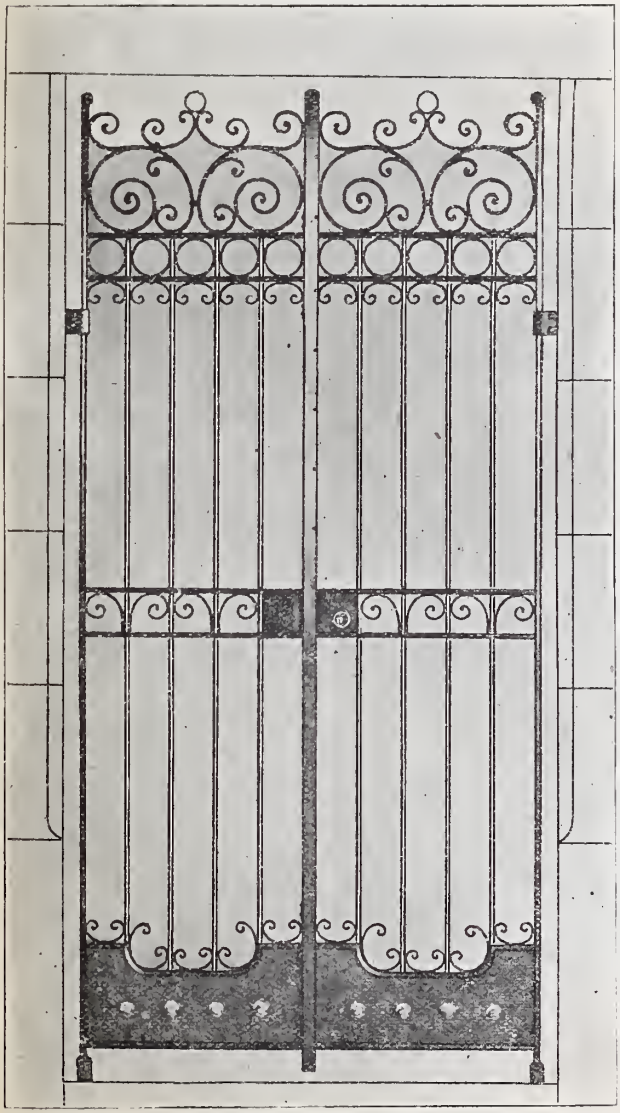
Can also be executed in Wrought Iron, finished black, if desired.

We will be pleased to submit special designs of gates, plain or ornamental, to be executed in Brass, Bronze or Wrought Iron at any time upon receipt of particulars.

All this work is constructed by skilled artisans in a thoroughly first-class and painstaking manner and we aim to turn out a better quality of work than the average.

Write us when in the market for Ornate or Plain Metal Work.

Send memo. of size when writing for prices.



VULCAN DESIGN NO. N—518.

This illustration shows a double gate executed by us in genuine Standard Bronze for Mausoleum in Areata, Cal.

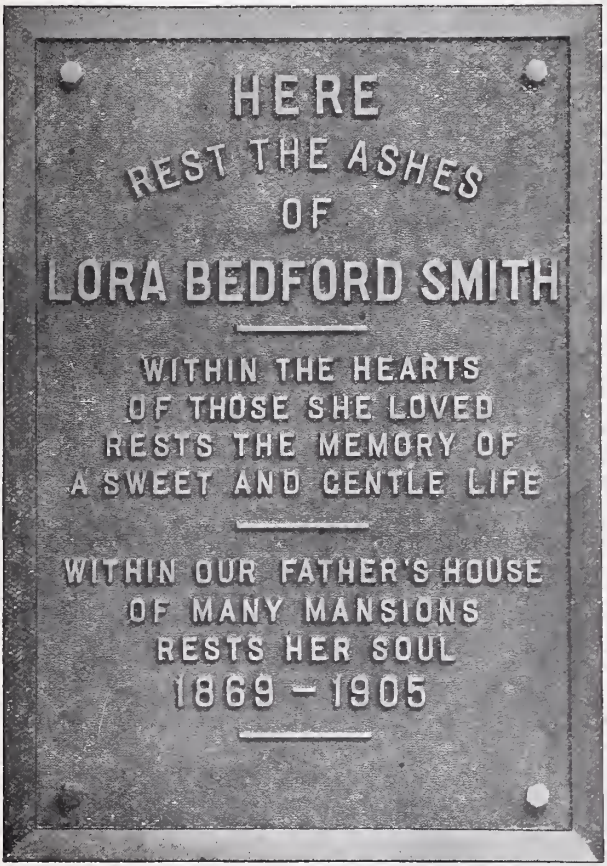
Can also be executed in Wrought Iron, finished Black if desired.

We design Gates and Doors in any style, plain or ornate, to meet the requirements of different orders of Architecture.

Work is executed with considerable care and shows all the handmarks of painstaking effort to please.

Send memo. of size desired when writing for prices.

STANDARD BRONZE MEMORIAL TABLETS.



VULCAN DESIGN NO. N—519.
Cast Standard Bronze Memorial Tablet.

We can furnish anything you may desire in this line.

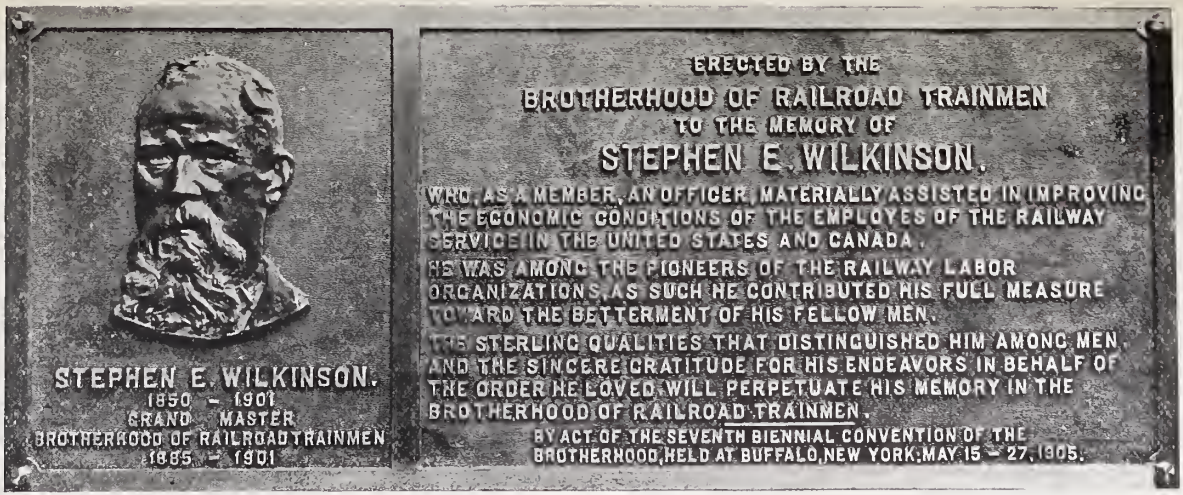
Genuine Standard Bronze Tablets will never corrode. Letters and borders are usually raised and polished on face, and background is rubbled sand finish.

Background is usually antiqued or greened, to form contrast to bright surface of border and face of letters.

Insignia of Lodges and Orders, State Seals, Emblems, portraits, etc., can be embodied in these Tablets.

Our Catalog "M" of Mausoleum work shows other Tablets. If interested send for our Catalog "M."

Prices quoted on receipt of particulars. State size desired and approximate number of letters.


STEPHEN E. WILKINSON.
1850 - 1901
GRAND MASTER
BROTHERHOOD OF RAILROAD TRAINMEN
1885 - 1901
ERECTED BY THE
BROTHERHOOD OF RAILROAD TRAINMEN
TO THE MEMORY OF
STEPHEN E. WILKINSON.
WHO, AS A MEMBER, AN OFFICER, MATERIALLY ASSISTED IN IMPROVING THE ECONOMIC CONDITIONS OF THE EMPLOYES OF THE RAILWAY SERVICE IN THE UNITED STATES AND CANADA.
HE WAS AMONG THE PIONEERS OF THE RAILWAY LABOR ORGANIZATIONS, AS SUCH HE CONTRIBUTED HIS FULL MEASURE TOWARD THE BETTERMENT OF HIS FELLOW MEN.
THE STERLING QUALITIES THAT DISTINGUISHED HIM AMONG MEN, AND THE SINCERE GRATITUDE FOR HIS ENDEAVORS IN BEHALF OF THE ORDER HE LOVED, WILL PERPETUATE HIS MEMORY IN THE BROTHERHOOD OF RAILROAD TRAINMEN.
BY ACT OF THE SEVENTH BIENNIAL CONVENTION OF THE BROTHERHOOD, HELD AT BUFFALO, NEW YORK, MAY 15 - 27, 1905.

VULCAN DESIGN NO. N—520.

Standard Bronze Tablet.

Standard Bronze Tablets furnished by us for Granite Monument erected in memory of Stephen E. Wilkinson in Galesburg, Ill., by the Brotherhood of Railway Trainmen. S. B. Davis, of Galesburg, Ill., furnished the Monument. Size of Tablet, 42 inches x 19 inches.

Portrait was modeled by us from small photograph.

We can furnish Bronze Tablets of any size or shape. In writing for prices, send memo. of lettering desired, or state approximate numbers of letters, also state size of Tablet desired. We can only quote upon receipt of exact information of what is desired.

Tablets are usually finished with border and high lights polished bronze, and back ground dark antique or verte green antique.

TESTIMONIALS

THE VULCAN COMPANY,

Dear Sirs—Herewith, we enclose New York Exchange, which covers your charge of Jan. 11th for pair of vault doors.

Mr. Sawtell had to leave the city before the arrival of the shipment, and so we have not had an expression from the purchaser as to his opinion of the doors. In justice to good workmanship however, we desire to compliment you on their handsome appearance, and feel confident that they will merit Mr. Sawtell's praise when he has seen them. The contractors tell us that the fit and adjustment were perfect.

Yours very truly,

Atlanta, Ga.. J. M. ALEXANDER & Co.

THE VULCAN COMPANY,

Gentlemen—Please accept our sincere thanks for your promptness in filling our order, the bronze work for the Dr. F. A. Stevens' vault, which we have erected in Roselawn Cemetery, St. Paul.

The work is first-class in every respect, and we can assure you that we will not forget you in the future, when we have another job of this kind.

Yours very truly,

TWIN CITY GRANITE WORKS,
By Osborn and McKay Bros.

St. Paul, Minn

THE VULCAN COMPANY,

The bronze doors arrived O. K. and I am more than pleased with them. Am having several architects look at them, it might lead to other orders.

Yours very truly,

Toronto, Canada. Signed R. M. GULLETT.

THE VULCAN COMPANY,

Dear Sirs—Enclosed find check to settle our account in full. Your work was very satisfactory and if we are ever in need of anything in your line again, you will sure hear from us.

Yours respectfully,

Warsaw, Ind. LONG & PELTON.

THE VULCAN COMPANY,

Gentlemen—Yours of the 9th to hand. When we have the vault completed we will have the photos, and send same to you, and this will be about Nov. 1st. The bronze work as far as we can see is perfectly satisfactory in every way and we are well-pleased. We have no other work on which we wish prices, just at present. Yours truly,

Geneva, N. Y. W. G. POTTER & SON.

THE VULCAN COMPANY,

Gentlemen—Please find enclosed N. Y. draft for "bronze work" on my mausoleum. I am well pleased with it and everybody admires it that has seen it.

Respectfully,

St. Marys, Ohio JOHN J. HAUSS.

P. S.—I could not get the Lima parties and had it hung by home parties and everything fitted nicely.

THE VULCAN COMPANY,

Gentlemen— Permit me at the close of the work done on the mausoleum to write these few words in justice and sincere appreciation which I feel is deserving under the very pleasant and highly satisfactory relationship which existed throughout all my transactions with your valuable firm.

I wish to emphasize my thanks particularly for the exceptional, untiring efforts to please me even to the minutest detail in the work, which it gives great pleasure to say was preeminently satisfying in style, finish and construction.

With the most cordial wishes to you for a well deserved prosperity and with the highest esteem and thanks, I am,

Yours very gratefully,

Detroit, Mich., DR. JOSEPH J. NOEKER.

THE VULCAN COMPANY,

I have not set any of this work yet, but have the granite set and have measured the bronze and find it all right and thank you very much for your promptness and accuracy in filling the order. The work all looks very nice and am sure it will please my customer.

Traverse City, Mich. A. W. RICKERD.

THE VULCAN COMPANY,

Gentlemen—It is with pleasure that we enclose check for payment of your invoice for bronze doors and windows for mausoleum. We wish to state that although we had lower prices from other concerns, your prompt attention to our various inquiries for prices and changes before we decided on what we wanted merited the order as we felt that you would get out the material promptly and you did so to our perfect satisfaction. We are particularly well pleased with the skill and the design which shows up well in position.

If any of your representatives reach Pittsburg we will be glad to show him or any others the work and will recommend your firm to any person who desires to purchase any bronze doors or windows.

Pittsburg, Pa. GEORGE H. SOFFEL Co.

THE VULCAN COMPANY,

Gentlemen—Replying to your communication of the 24th ult. We are pleased to say, that the gates which you recently furnished for the entrance of St. Rose's Cemetery, Carbondale, Penn.,—approximate cost of stone work for same being $7,000.00—your work harmonizes well with such an expensive entrance, as the gates were executed from our special design in a workmanlike manner, and the grill work is symmetrical with graceful curves. The carved ornamental wreaths and torches are well done, and we call these gates first-class work in every respect, and will have no hesitancy in recommending you.

Yours very truly,

Scranton, Pa. CARLUCCI STONE COMPANY.

THE VULCAN COMPANY,

Gentlemen—The bronze door you sent me is very satisfactory, my customer was much pleased with it, I don't see how it could be made any stronger or better, or how it could be improved upon in any way, please accept my thanks, and check enclosed to pay for same. Yours very truly,

New Haven, Conn. GEO. W. OKELL.

THE VULCAN COMPANY,

Gentlemen—Your advice of Sept. 21st to to hand. On account of delay in filling order for marble, it will be some weeks before vault is completed, but as soon as possible I will follow out your wishes in reference to photo and testimonials. I might state that on inspecting the gates. they prove to be very satisfactory and should we have any further work in your line, I will be only too glad to consult with you. Yours very truly,

Honolulu FRED HARRISON.

THE VULCAN COMPANY,

Gentlemen—Enclosed find check for payment in full for the entire bronze work you furnished us for the Fries Mausoleum.

We wish to say that the bronze work for this mausoleum was very satisfactory. The frames for the 16 dome windows fit nicely and the ornamental forged grills for the side windows are fine. We also wish to make a special mention of the double door. They are a high-grade of workmanship and fit perfect, and had no trouble to hang them with the hinges you furnished. Our man who hung them said "they are the best fitting bronze doors I ever saw."

We mail you under another cover a photo of the Mausoleum. Please acknowledge receipt of check and oblige.

Yours very truly,

THE SMITH MONUMENTAL WORKS.

Norwalk, Ohio F. H. Smith.

THE VULCAN COMPANY,

Gentlemen—You will find enclosed check for amount due. The doors and all the bronze work seems to be first-class, please accept thanks. Yours truly,

SAM WEARLY.

THE VULCAN COMPANY,

Gentlemen—We were very well pleased with the bronze mausoleum doors recently sent us. When in need of any more work in your line you will surely hear from us.

Yours truly,

Burlington, Iowa O. M. BURRS & BRO.

THE VULCAN COMPANY,

Gentlemen—Enclosed find check for the amount of your bill. The work is entirely satisfactory, in fact, of the five vaults we have recently erected the bronze in this job is far superior to any of the others and we find it unnecessary to send to New York for such work. We are especially pleased with the winter closers to the doors, which slide up and down. While they are perfectly tight whether open or closed they work very easy, and the device you have for holding them up is very simple and secure. We assure you the work is more than satisfactory and we take pleasure in enclosing our check for the amount.

Yours very truly,

Grand Rapids, Mich. A. BLACK & SON.

THE VULCAN COMPANY,

Sirs—Please find enclosed my check for bronze shipped me, for the Woodward mausoleum. Will say that I have just returned from there, and I found the bronze far beyond what I had anticipated it would be; it is just simply all right. We are figuring on some more work and if we are successful in getting it you will surely hear from us, on the bronze. Respectfully yours,

Dansville, Ill. F. D. KNOX.

THE VULCAN COMPANY,

Gentlemen—With this mail I send you a photograph of the Harter Mausoleum, as per your request. The doors are rich and elegant, beautiful beyond the expectation of my patron and admired by hundreds of people.

Very truly yours,

Lafayette, Ind. W. O. WEAVER.

THE VULCAN COMPANY,

Dear Sirs—The balcony railing ordered from you just arrived today and was set this afternoon, and must confess that is better than I expected, adds much to the appearance of the building. Please find enclosed check for same. Yours truly,

Cumberland, Md. JAS. C. POWELL.

THE VULCAN COMPANY,

Gentlemen—I have your favor of the 7th. inst. and in reply will say that the ornamental railings and store fronts which you furnished me for the Bosch Bldg., are very satisfactory. Furthermore, I was much pleased with your business methods and I shall remember you in the future when in need of anything in your line. Yours very truly,

Houghton, Mich. HERMAN GUNDLACH.

THE VULCAN COMPANY,

Gentlemen—We have just completed the setting of the bronze work furnished us by your company in the McCowen mausoleum, we have handled quite a little of this bronze work, but can conscientiously say we have never had a better all round job than this one furnished by your firm, the workmanship was grand. We feel duty bound to offer for aeceptance our thanks for the promptness in shipment and accurate built job.

Yours truly,

Wabash, Ind. CLARK BROTHERS.

THE VULCAN COMPANY,

Gentlemen—Please find enclosed check for $80.00 for the arch, we are very much pleased with the looks of it and will send you a picture of it when we get it set up in the spring.

Yours truly,

Tomah, Wis. THE BUTTS FURNITURE CO.

THE VULCAN COMPANY,

Dear Sirs—In reply to yours of the 3rd, will state that the gate has been received. It it attractive, satisfactory and appears to be original in design. Very truly,

Nashville, Tenn. T. G. TINSLEY.

THE VULCAN COMPANY,

Gentlemen—Your flush top sidewalk doors are receiving a good deal of comment in this city. I have shown it to several of our best architects and they all say it is the neatest and best arranged they have seen yet.

Wilkes Barre, Pa. GEO. P. F. ECKERT.

THE VULCAN COMPANY,

Gentlemen—We are very much pleased with the entrance way. As yet we have not been able to get the committee together as a whole, but would say that they are more than pleased with the work. A little later we hope to secure photographs of the same, and will take pleasure in sending you one.

Yours very truly,

Aiken, S. C. POWELL HARDWARE COMPANY.

THE VULCAN COMPANY,

Gentlemen—Art metal work is received in good order and my customer is pleased with it. Respectfully yours,

Fostoria, Ohio E. L. BARKLEY.

THE VULCAN COMPANY,

Gentlemen—Please find enclosed draft covering your invoice of Nov. 23. The architect and the owner of the building were highly pleased with grills.

Yours respectfully,

Danville, Ill. JOSEPH SCHINGEL, JR.

THE VULCAN COMPANY,

Gentlemen—The fire escape that you furnished to me for the "Dellinger" building arrived in good shape, and is equal to your representation, and has met my expectations fully. I desire to commend you for the simplicity of arrangement for putting the escape together, I had no difficulty in erecting same, and any mechanic of ordinary intelligence could do likewise without any trouble.

Yours very truly,

Shreveport, La. W. F. THOMAN,

THE VULCAN COMPANY,

Gentlemen—We beg to acknowledge receipt of the two stop blocks kindly donated by your company for use at the iron gates manufactured by you for the Tennessee School for the Blind in this city. These blocks are in place, and answer the purpose perfectly.

We are pleased to be able to say, on behalf of the owners as well as ourselves, that the gates give entire satisfaction as regards to material, workmanship, finish and artistic appearance. Very truly,

Nashville, Tenn. FOSTER & CREIGHTON.

THE VULCAN COMPANY,

Dear Sirs—Enclosed find draft to over cost of stair work which I found very satisfactory.

Yours, Etc.,

Geneva, N. Y. J. E. FINN.

THE VULCAN COMPANY,

Gentlemen—Yours of 12th inst. to hand and noted. The work you made for us was satisfactory and would like for you to do our work in future, as this was done very promptly. Yours respectfully,

Lynchburg, Va. C. W. HANCOCK & SON.

THE VULCAN COMPANY,

Gentlemen—The doors you sent for the Chambersburg Trust Co., Bank Building were received and are surely a fine set of grill doors. They surpass my expectation for the price. Very truly yours,

Chambersburg, Pa. MAURICE R. RHODES.

THE VULCAN COMPANY,

Gentlemen—The proprietor of my hotel at Windber stated the fire escape was fine and that it had been put up. I have not received the freight bill. Yours respectfully,

Morann, Pa. S. A. MOUNTZ.

THE VULCAN COMPANY,
11 to 23 Raynor Street,
Gentlemen—The three jail cells ordered by us some time ago have been received, and have been set up. The work is entirely satisfactory in every respect and is strictly up to specifications, thoroughly well constructed in a workmanlike manner, and was assembled without trouble.
You may refer any borough or city to our council. Very truly,
California, Pa RICHARD HAWTHORNE.

THE VULCAN COMPANY,
Gentlemen—The scroll panelwork for office partition, which you furnished us recently, gave entire satisfaction, both as to workmanship and finish. When we need more in your line, we will certainly place the order with you. Truly yours,
STANDARD PLANING MILL CO.
Lincoln, Neb. R. Miller, Manager.

THE VULCAN COMPANY,
Gentlemen—We are very much pleased with the goods you have furnished us, and the county home officials speak in very high praise of the material and workmanship which you furnished them through us, and we feel in duty bound to turn all orders possible to you, for the kind treatment we have received at your hands.
Yours very respectfully,
Coudersport, Pa. SMITH & DEXTER.

THE VULCAN COMPANY,
Gentlemen—The fence I bought of you has given the greatest satisfaction in every particular and has elicited much favorable comment. If I ever have any occasion to use any material manufactured by you, you may be sure of my order. Trusting that this may be satisfactory to you.
I remain yours, Etc.
Havre de Grace EDWIN E. PEARSON,

THE VULCAN COMPANY,
Gentlemen—The ornamental iron window grilles have arrived and by this time are all in place. We as well as the parties they were made for are very much pleased with them, they look artistic, neat and strong and the workmanship and finish is perfect, it is not very often we can say that, in the past we had a good deal of trouble in getting any work of this character, there was always something wrong either in workmanship or finishing of same, however, in the future we will know where to go to.
Yours truly.
Youngstown, Ohio. THE HELLER BROS. CO.

THE VULCAN COMPANY,
Gentlemen—Enclosed find draft for railings and posts. The design and workmanship are VERY good and the owner is well pleased. Yours respectfully,
Cedar Rapids, Iowa L. J. ZIKA.
Secretary of California Boro. Council.

THE VULCAN COMPANY,
Gentlemen—We wish to thank you for the quick delivery of our last order. The workmanship was perfect.
Sincerely yours,
Tucson, A. T. F. W. BROWN & CO.

THE VULCAN COMPANY,
Gentlemen—We completed the entrance today and enclosed you will find our check to balance, together with freight bill, all of which we trust you will find correct.
Your work appears to have been done conscientiously and well and we are much pleased with the manner in which you filled the order. The gates please everyone and if any of your prospective customers for such work could see them we feel they would be willing to do as we did, pay you your price for what they wanted. Yours very truly,
Oneonta, N. Y. DAULEY & WRIGHT.

THE VULCAN COMPANY,
Gentlemen—Replying to your favor of the 10th inst., would say that the bank fixtures sent us were entirely satisfactory to our customer. The workmanship and finish was very nice and everything fitted perfectly. We wish to thank you for your prompt attention in executing the order.
Yours truly,
Jamestown, N. Y. CLARK HARDWARE CO.

THE VULCAN COMPANY,
Gentlemen—Replying to your communication of the 10th, we are pleased to say that the work which you have recently furnished us for the several different post offices which we have lately constructed has been first-class in every respect, and we have no hesitancy in recommending you to any one who is desirous of securing good work. We are
Very truly yours,
Greensburg, Pa. M. YEAGER & SON.

THE VULCAN COMPANY,
Gentlemen—The three sections of iron railing ordered for Hotel Burton, Danville, Va., were received there yesterday morning and placed the same afternoon, and I want to assure you that your work is entirely satisfactory. I am, Most truly yours,
Lynchburg, Va. W. W. LYNN.

THE VULCAN COMPANY,

Dear Sirs—Enclosed find check in full for doors, grills, handles and etc., everything first class and right. We and our customers all well satisfied.

Springfield, Ill. E. B. McCOLLY & SON.

THE VULCAN COMPANY,

Gentlemen—The sidewalk tile you sent us is all right, the work was well executed and satisfactory in every way.

Yours truly,

Holland, Mich. BOS & BOLHUIS.

THE VULCAN COMPANY,

Gentlemen—The steel doors and window are much better than I expected for the price. I send you check for same.

Yours truly,

Hornellsville, N. Y. E. F. CHUBBUCK.

THE VULCAN COMPANY,

The fence proved far superior to any I have yet handled, and know that we will call for more in my vicinity.

Yours respectfully,

Lexington, Va. W. S. HILEMAN.

AVERY LIBRARY
COLUMBIA UNIVERSITY

THE VULCAN COMPANY,

Gentlemen—The gates for altar rail have reached us and are very satisfactory. We would have written you sooner, but were waiting for the priests at the seminary to come in and see the gates so we could let you know what they thought of them. Father Barnwell compliments you very highly and believes that the work could not be improved upon. They are very good indeed.

Yours very truly,

Perryville, Md. ZAHNER & GAYLE.

THE VULCAN COMPANY,

Gentlemen—We are pleased to be able to report that the fire escapes furnished for the Ross House, this city, also that for the Masonic Temple, have been inspected by the State Inspector, and pronounced first-class in every respect. From our knowledge of such work we certainly can concur in his report. We, and all other interested parties are thoroughly well pleased with the work you have supplied. You have strictly followed our state's legal requirement, and all the work appears to have been thoroughly and conscientiously done.

Yours very truly,

Garrett, Ind. TEETERS & LITTLE.

THE VULCAN COMPANY,

Gentlemen—The bronze doors, grills and frame came in this A. M. and we unpacked them at cemetery and are very much pleased with them. Yours truly,

Aurora, Ind. F. W. KASSEBAUM.

THE VULCAN COMPANY,

Sirs—Your letter of 19th at hand. You will please find enclosed draft to settle my account with you. I had intended to remit sooner, but had neglected to do so. I am well pleased with your stair and will do any thing I can for you in this locality. Thanking you for your patience with me, I remain,

Yours truly,

San Jose, Ill. JOHN L. EYRSE,

THE VULCAN COMPANY,

Gentlemen—The jail cell ordered by us were received all right. We have put them up without the aid of any mechanic, and they fit all right, and certainly are strong enough to hold anybody we can put in. Of course we had a blacksmith to help us do the riveting but otherwise we had no trouble whatever in fitting the different pieces by following the simple directions furnished. I remain

Very respectfully

CHRISTIAN BERGER,

Waterford, Wis. Village Clerk,

THE VULCAN COMPANY,

Dear Sirs—The iron gates made by you for the doors of our bank building are quite satisfactory. The pattern is artistic and has attracted the favorable attention of local and visiting bankers. They make our building appear $2500.00 more valuable, besides giving it a decided air of security.

Yours truly,

Belton, Texas J. Z. MILLER & Co.

THE VULCAN COMPANY,

Gentlemen—I send you today by mail the photograph showing iron doors for vault. This is not taken just exactly as you suggested in your letter, but I believe to a better advantage, to show the doors and throws them in the position that you describe but they don't show near so well as the way I had them taken. Hope they will be satisfactory. The parties name we erected the vault for is Thomas Barr Bros. They are more than pleased with your work. Thanking you most respectfully and hoping that the ad and our recommendation will prove profitable to you.

Most respectfully yours,

Logansport, Ind. L. EMMETT.

THE VULCAN COMPANY,

Gentlemen—Please find enclosed my check to pay for bronze tablet. I have just received it and think it quite nice.

Yours truly,

Newberry, S. C. R. Y. LEAVELL.

The Vulcan Company

DETROIT, MICHIGAN

Architectural Metal Work

Builders' Wire and Iron Work

Wrought Iron Fences and Gates

Ornate Forged Wrought Iron

Standard Bronze Work for Mausoleums
A Specialty